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VAUGHAN'S SEED STORE



POPPY, SANTA ROSA
See next page.

NEW YORK
14 BARCLAY ST.



The "SANTA ROSA" Vaughan's New Poppy

Illustrated on the Front Cover.

WE HAVE great pleasure in offering this season for the first time, a new strain of Shirley Poppy, originated and improved by MR. LUTHER BURBANK, the famous wizard of horticulture. These we have named "Santa Rosa" after the producer's California home. This new strain combines all the delicate beauty in color of the original Shirley and Shirley types, and with these the whole flower in all of its petals is beautifully crimped and fluted as illustrated on our covers.

Few garden flowers excel the poppy in popular favor. Its freedom of growth, beauty and lovely showiness make it an ideal garden flower.

Be sure to include this beautiful new Poppy in your order, and order an extra packet or more for your flower-loving friends.

Price, Packet 15c.; 2 for 25c.

CASH DISCOUNTS On Packets and Ounces of all our seeds, except those costing \$1.00 per ounce and over, such as Cauliflower, etc., etc.
Customers sending \$1.00 \$2.00 \$3.00 \$4.00 \$5.00
May select extra seeds to the value of .20 .40 .60 .80 1.00

THIS DISCOUNT only applies to orders for flower and vegetable seeds in packets or ounces, and does not include seeds by weight (¼ lbs. and over), or measure (pints, quarts, etc.), or collections, or bulbs and plants; nor can it be applied to orders sent at different times during the season, except previous arrangement is made, but customers are allowed to select seeds in packets for the cost of sending money order besides these discounts.

PLEASE READ THE FOLLOWING CAREFULLY

OUR TERMS ARE STRICTLY CASH WITH ORDER. We do not send C. O. D., as the cost of collecting return charges is quite an unnecessary item of expense, and the prices being given we can conceive of no necessity to warrant goods being so sent.

HOW TO ORDER Write your name, postoffice, state and express office plainly, with black ink, on every order and every time you write to us. Give plain shipping directions; where none are given we use our best judgment, but it must be at customer's expense and risk.

VERY IMPORTANT We aim to fill your orders immediately, and you can greatly aid us in making them out on our Order Sheet, as follows:

1. Place the quantity wanted before each article.
2. Use one line for each kind ordered.
3. As nearly as possible, make your list in the same order in which the seeds are catalogued, beginning at the front.
4. Kindly use special order sheet for plant orders and inquiries and other matters not pertaining to the order.

HOW TO SEND MONEY Send cash with order (as we do not open book accounts for small amounts, and can only send to the value of money received), by New York or Chicago Draft, Registered Letter, or Postoffice or Express Money Order; both are cheap and absolutely safe. Postage stamps are taken as cash, but we prefer the larger denominations, such as fives, tens or fifteens. Registered letters are generally very safe, and you can send that way from any postoffice and receive your receipt by return mail, by which you know it has reached us. If local checks are used 25 cents must be added to cover the cost of collecting. Make money orders payable to "Vaughan's Seed Store."

ORDER EARLY Do not wait until the rush of planting time. We strive to fill orders promptly and at short notice, but a rush season always and everywhere has its inevitable delays. First come will be first served.

ERRORS If stock is not as expected, compare with order, read catalogue rules carefully, and if we are in the wrong, write us at once, giving all particulars; but please do not complain to others until you have given us a chance to explain or rectify. Do not return goods until you hear from us.

RECOMMENDATIONS We tender our sincere thanks to the numerous customers who have been kind enough to recommend us; we shall ever strive to deserve such confidence. We shall at all times be glad of the opportunity of forwarding catalogues to friends of customers on receipt of a line requesting us to do so.

GUARANTEE Seeds of the best quality are apt to fail, through improper treatment, by sowing the seed too deep or too shallow, in too wet or too dry soil. They differ greatly as to temperature required for germination. Some will germinate rapidly at a certain temperature, while others, if sown under the same conditions, are apt to decay. The young plants are liable to various accidents; cold or dry air may check their growth or destroy them. Insects above and below the ground may attack them, and a great many other contingencies may arise to prevent the best seeds from giving satisfaction, and for all these reasons it is impractical to **guarantee seeds**. Vaughan's Seed Store gives no warranty, expressed or implied, as to description, quality, productiveness, or any other matter, of any seeds, bulbs or plants we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

J. C. VAUGHAN, President.

Established 1876—Incorporated 1901.

C. CROPP, Sec'y and Treas.

VAUGHAN'S SEED STORE

14 Barclay St., NEW YORK.

84 and 86 Randolph St., CHICAGO.

GREENHOUSES AND NURSERIES: WESTERN SPRINGS, ILL.

Copyright 1904 by Vaughan's Seed Store.



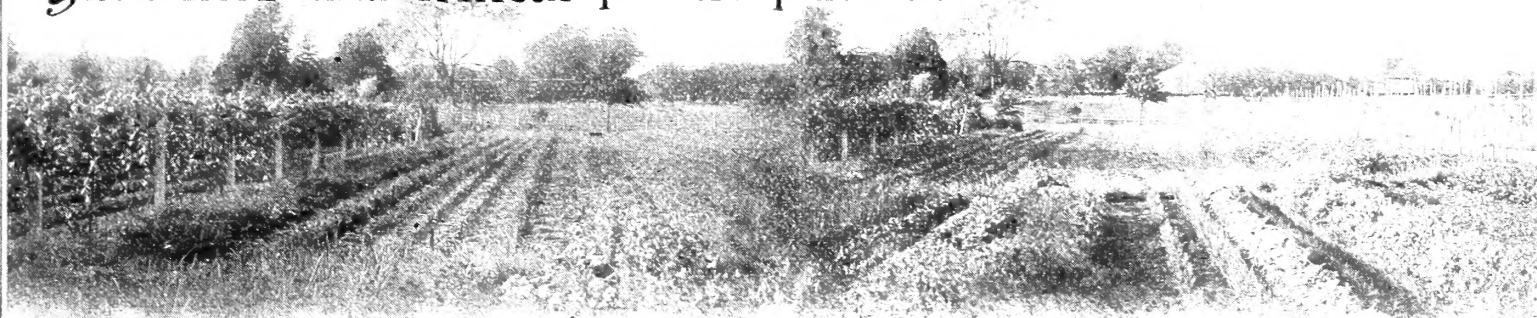
Vaughan's Twenty-Seventh Annual Catalogue

1904

Covering the four Great Departments of Gardening.
for Index see last page

Seeds for the Vegetable Garden

As supplied by us for more than Twenty Five years to the market gardeners and critical private planters



Seeds for the Flower Garden

The best in America. A most complete list of the best only



Green House Plants for house and lawn

Grown at Vaughan's Greenhouses. 75,000 feet of glass.



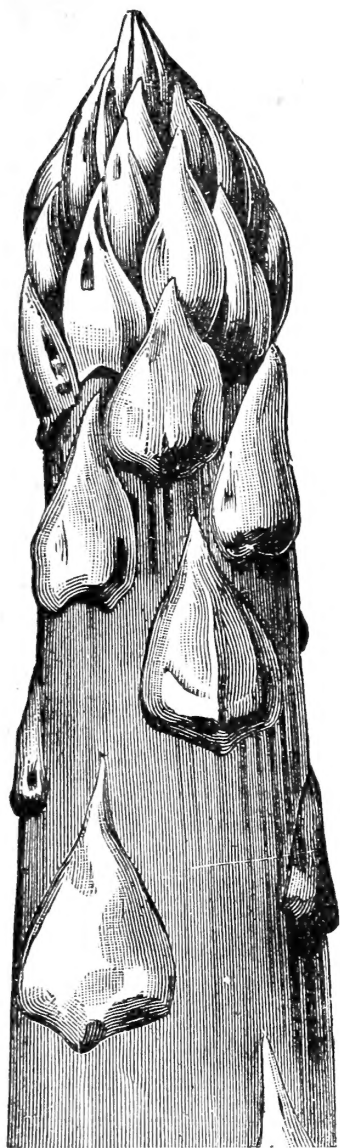
Shrubs, Trees and Hardy Plants

Grown largely on our nursery grounds.



Vaughan's Seed Store, Chicago - New York

VAUGHAN'S NOVELTIES AND SPECIALTIES IN VEGETABLE SEEDS.



BONVALLET GIANT ASPARAGUS.

The following list contains the best novelties of the season, together with some of our specialties and those of other growers which have proved to be of merit.

New Asparagus, "Bonvallet's Giant."

This new Asparagus brings the highest prices in the Chicago market, and is in great demand for its flavor and great size and whiteness. Its superior qualities are: **Early bearing** of extra long spears, which are tender and of fine flavor. **Lasting quality.** Since the crown does not divide, it yields large shoots for a longer time than any of the older kind. **Resistance to the asparagus rust,** which has been so disastrous to many asparagus beds. **Seed, pkt., 10c.; 1/2 oz., 20c.; oz., 30c.; 2 oz., 50c.; 1/4 lb., 75c.; lb., \$2.50.** Two year old selected roots, doz., 30c.; 25 for 60c.; per 100, \$2.00; 250 for \$4.00; per 1000, \$15.00. If by mail, add 20c. per 100 for postage.



New Wonder Bush Lima Bean.

The Earliest, Dwarfest and Most Prolific.

New Wonder gives the largest and best returns—a big crop from a small space—and is a decided improvement on the original type of Burpee's Bush Lima, being seven to ten days earlier, with pods 4 to 5 inches in length, each containing three and sometimes four large green beans of the finest flavor. The beans are of flat shape and fully equal in flavor to the famous Dreer's Bush Lima, so well and favorably known. **Pkt., 10c.; 1/2 pt., 15c. (by mail, 20c.); pt., 20c. (by mail, 28c.); qt., 35c. (by mail, 50c.); 2 qts., 65c.; 4 qts., \$1.20.**

New Round Pod Kidney Wax Bean

This bean is closely allied to the popular Wardwell's Kidney Wax, differing from that variety in that the pod is perfectly round, somewhat longer and entirely stringless. It is of the same season as the Wardwell's Kidney Wax, is a very prolific grower and a first-class yielder. The pod is very tender and meaty and entirely free from muslin or toughness, which characterizes the pods of many types. This new sort has great merit and is destined to become one of great popularity with the market gardeners. Prices same as on Wonder Bush Lima. **1/2 peck, \$1.20; peck, \$2.00; bush., \$8.00.**

New Early Bush Bean, "Brittle Wax."

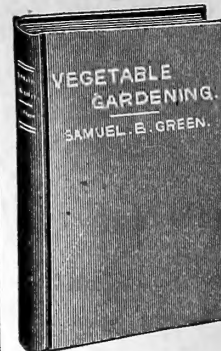
A new wax bush bean of great merit. The plants are of vigorous growth, with large foliage and of extraordinary productiveness, **over 100 pods having been counted on a single bush.** The pods are very broad and fleshy, of the saddle-bag type, tender, brittle and entirely stringless at all stages of growth. They are nearly straight and measure from 4 1/2 to 6 inches in length. **Pkt., 10c.; 1/2 pt., 15c. (by mail, 20c.); pt., 25c. (by mail, 33c.); qt., 40c. (by mail, 55c.).**

SPECIAL OFFER No. 1.

One pkt. each, Wonder Bush Lima, July Pole Bean and Lyon Beet for 30c.

For other POLE BEAN Novelties see page 5.

Vegetable Gardening



A Manual

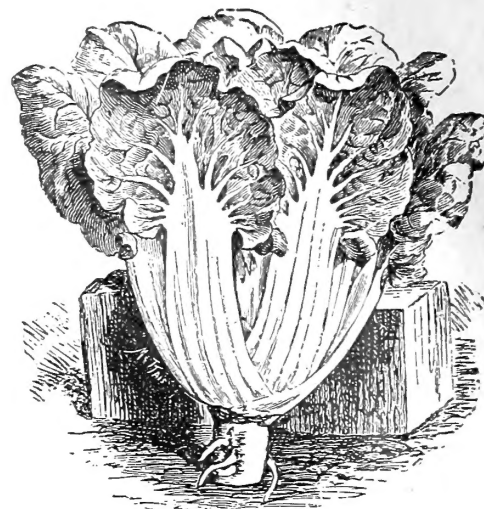
on the growing of vegetables for home use and marketing.

BY
Samuel B. Green,
Professor of Horticulture
U. of Minn.

Revised Edition.

Regular Price, \$1.25; Our Price, 65c.

Every gardener and private planter should have this book; it will pay for itself the first Summer.



PERPETUAL SPINACH BEET, "LYON."

Perpetual Spinach Beet, "Lyon."

One of the most useful vegetables known, as it endures heat and cold with impunity, and when common spinach is running to seed this kind remains green and succulent and fit for table use all Summer and Fall. In this variety the stalks and midrib are of remarkable width, often 4 inches or more. These stalks are also eaten; they have a very agreeable and quite peculiar flavor. It is a most productive variety and the chards are of far better quality than the ordinary kind, having a very delicate, slightly acidulous, flavor. There are few vegetables which require less care during their growth or yield a more certain crop than this variety. **Pkt., 10c.; oz., 20c.**

Our packets contain full cultural directions and recipes how to prepare the leaves and stalks for the table.

Giant Scarlet Runner.

Splendid for ornament and very useful. The flowers are very large, brilliant scarlet, the pods grow to a length of 12 inches and the vines grow vigorously and to a good height. **Pkt., 10c.; 3 for 25c.**

Two-Colored Fire Bean. Like the well-known Scarlet Runner, but the flowers are part pink, part white. Very pretty and a splendid climber. **Pkt., 10c.**

Eight Weeks or July Pole Bean. One of the most productive of the Pole Beans, bearing from 4 to 6 pods on each flower tendril. The pods are thick and tender. It is earlier than most pole beans. This is the bean for the home garden, as it does not grow more than 5 or 6 feet high and can therefore be grown on bush like the tall Peas. We recommend a trial. **Pkt., 15c.; 2 for 25c.**

Golden Carmine Poddod Horticultural.

A new strain of Horticultural Pole of sterling merit. Excels in earliness, quality, handsome appearance and productiveness. **Pkt., 10c.; 1/2 pt., 15c. (by mail, 20c.); pt., 22c. (by mail, 30c.); qt., 40c. (by mail, 55c.).**

An Asparagus Bed

is not planted every year, and a mistake made in the selection of the kind is of serious consequence to the gardener who depends on his asparagus for a revenue, and is very annoying to the man who plants it in his garden. Plant, therefore, the right kind, and Bonvallet's Giant is it, and "Vaughan's Vegetable Garden" will tell you HOW.

Garden Pride Bush Bean.

Stringless Green Pod.

A champion first early bean, positively stringless, and one of the most prolific bearers grown. It is a strong, rapid-growing vine, free from runner setting; the pods are very long, straight and medium round and delicate light green color. It has a pearly white seed, and is without exception the easiest to thresh of all stringless varieties. **Pkt., 15c.; 2 for 25c.**

Evergreen Bush Bean.

Stringless Green Pod.

It has proven to be a wonder, being distinct over other sorts in growth, vine, pod and everbearing qualities. It is of strong upright growth, pods long, slim and straight, perfectly round, solid and of the darkest green shade. **Positively stringless in all stages of growth.** It is everbearing, producing pods from July until frost if regularly picked. Seed white, long and plump, with two very small black specks near the eye. For the home garden it will be found of great value, being one of the most delicious snap-shot varieties. **Pkt., 15c.**

VAUGHAN'S VEGETABLE SEED NOVELTIES AND SPECIALTIES FOR 1904

New Red Cabbage "Zenith"

THE BEST RED
Cabbage Up to Date.

It possesses all the requirements of a good red Cabbage. The heads are very solid, of the richest deep blood-red, of medium size, fine ribbed and with but few outer leaves. It matures medium early and is a splendid keeper. Pkt., 10c.; ½ oz., 20c.; oz., 30c.; 2 ozs., 55c.

Cabbage

"New Early Flat Head"

IMPROVED
Early Spring

Also known as the Eureka or Feast Early. This is a cross between Jersey Wakefield and Succession and its mixed blood is plainly shown in the stock, the leaves indicating the Wakefield growth. By careful selection for five years we have secured an early flat heading variety, having the thick leathery leaves of the Wakefield and producing slightly rounded heads at practically the same date as the pointed Wakefield. The plant is of robust habit, dwarf growing and with but few outside leaves. A very reliable header of best quality. We have great faith in this variety as a truly valuable acquisition for the market gardeners' list, and it is giving satisfaction wherever planted by them. Pkt., 10c.; ½ oz., 20c.; oz., 30c.; 2 oz., 50c.; ¼ lb., 80c.; lb., \$3.00.

New Savoy Cabbage "All Head"

The heads of this Cabbage are conical, extremely solid, all head, with hardly any outer leaves. It comes in after the "Iron Head," and in flavor resembles that of Brussels Sprouts. Pkt., 10c.; 3 for 25c.

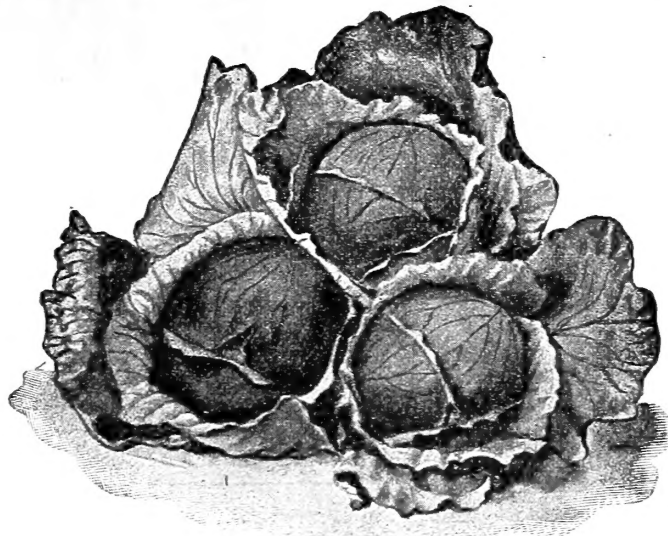
SPECIAL OFFER No. 3.

One pkt. each of Cabbage, Glory of Enkhousen, Celery, Winter Queen and White Evergreen Sweet Corn, for 25c.



New Celериac "Delicatess"

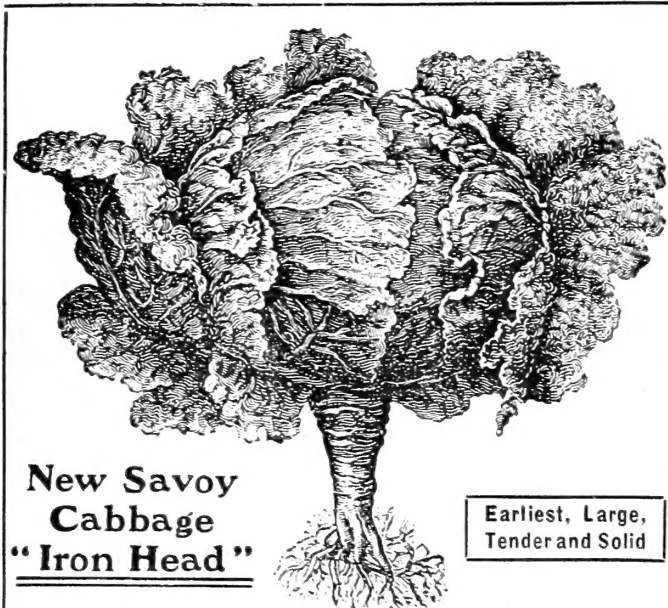
Produces perfectly smooth oval roots without any side roots, which never rust. The flesh is pure white, tender and of most delicious flavor. This celery will even produce good roots on inferior soil. Pkt., 15c.; 2 for 25c.



GLORY OF ENKHOUSEN.

New Cabbage "Glory of Enkhousen"

One of the earliest with large solid heads of fine globular shape, fine ribbed and of excellent quality. Outer leaves very small so as to admit of very close planting. We recommend it for the home garden and as a money-maker for market gardeners. Pkt., 10c.; ½ oz., 20c.; oz., 35c.; 2 oz., 60c.; ¼ lb., \$1.00; lb., \$3.50.



New Savoy Cabbage "Iron Head"

Earliest, Large,
Tender and Solid

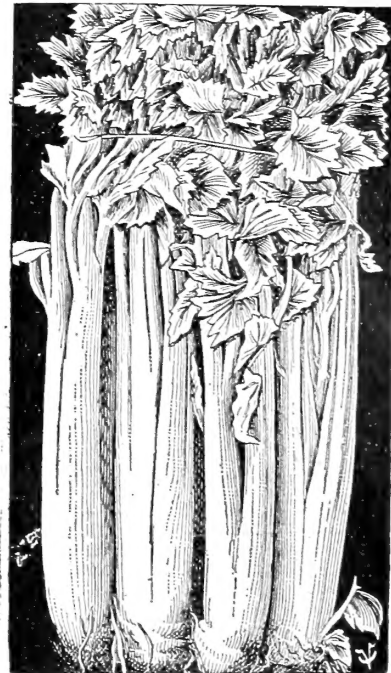
This is the best of all the early Savoy Cabbages. The heads are round, very large, of best flavor and as hard as iron. It is the earliest of all. Market gardeners will find it a money-maker. Pkt., 10c.; ½ oz., 15c.; oz., 25c.; 2 oz., 40c.; ¼ lb., 65c.; lb., \$2.50.

PREMO World's Earliest Sweet Corn.

It not only combines all the merits of the leading early varieties, but it is also really superior to them all in size, quality and yield. Premo can be planted fully as early as the Adams, for the young plants withstand slight frosts, while other varieties are tender and the seeds will rot if planted before the soil becomes warm. The stalks grow about five feet high, and are very vigorous, generally bearing two well-developed ears to a stalk. These ears measure 1 to 2 inches longer than those of Cory or Adams. Pkt., 10c.; pint, 15c.; quart, 25c.; 2 quarts, 45c.; 4 quarts, 70c.; peck, \$1.40. If by mail add postage, 10 cents per quart.

White Evergreen Sweet Corn

A high bred type of Stowell's Evergreen, pure white. The ears average quite large and are well filled to tip with long slender grains of the purest white and of very sweet quality. A splendid main-crop novelty. Pkt., 10c.; ½ pint, 15c. (by mail, 18c.); pint, 25c. (by mail, 30c.); quart, 45c. (by mail, 55c.)



CELERY, "WINTER QUEEN."

Celery "Winter Queen"

This is without doubt the most valuable variety of celery for Winter and Spring use ever introduced, even excelling the celebrated Perfection Heartwell as a late Winter keeper. It is also much stouter, thicker and heavier, with double the amount of heart of any known Celery. The plant is beautiful in appearance, of close habit and compact growth, and blanches to a beautiful cream white. Ribs perfectly solid, crisp and of a delicious nutty flavor. It is worthy of first place as a late celery, and will keep longer than any other variety. Grow Winter Queen once and you will always grow it. Pkt., 10c.; ½ oz., 15c.; oz., 20c.; 2 oz., 35c.; ¼ lb., 60c.; lb., \$2.25.

New Celery, "Snow White"

(See back cover).

New Celery, "Far Superior Many Heart."

The quality of this celery is superior to that of most other kinds. It is an excellent keeper and produces plenty of heart, which is now one of the most important points in a celery. Pkt., 10c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 60c.; lb., \$2.25.

New Celериac "Earliest of All"

Earliest, Largest
ALWAYS Tender,
Smooth and Little Foliage.

Is superior to all other sorts of German or tuberous-rooted Celery. In the first place it is the earliest of all, being ready in June. The flesh is pure white and very tender.

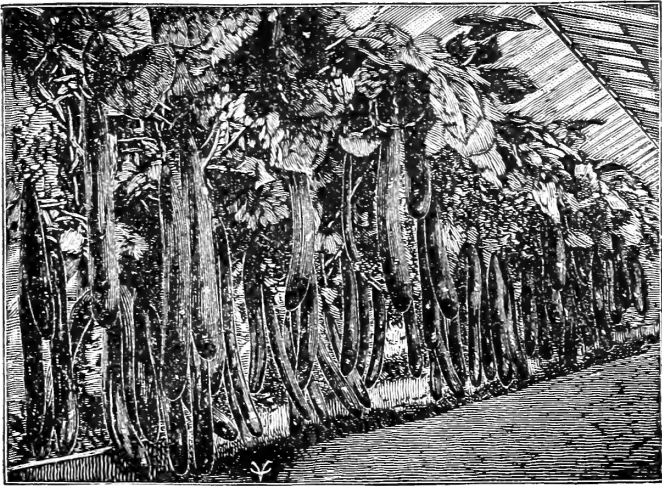
When full grown the roots surpass those of the giant sorts in size and are never woody. The foliage is very short and the tubers are very smooth, having but a few fine roots on the bottom. On account of its rapid growth, this sort is most admirably adapted for late planting. For Winter use it can be planted as early as July. Pkt., 5c.; ½ oz., 15c.; oz., 30c.; 2 oz., 50c.

SPECIAL OFFER No. 3F.

One pkt. each of Red Cabbage Zenith, Earliest of All Celериac and New Iron-Head Savoy Cabbage, for 20c.

CELERIAC or TURNIP-ROOTED CELERY is an excellent vegetable, but as its introduction into cultivation is of comparatively recent date, it is not as yet very commonly grown. It keeps well and forms a valuable contribution to the winter supply. In order to introduce it more generally our bags contain, besides cultural directions, recipes for the preparation of the roots for the table.

VAUGHAN'S VEGETABLE SEED NOVELTIES AND SPECIALTIES FOR 1904



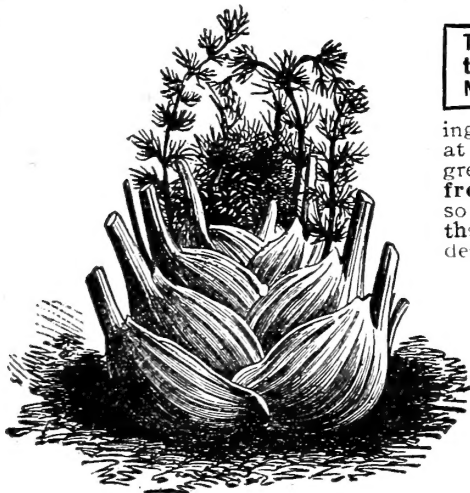
Cucumber—Prescott Wonder. This is the best flavored of all the English frame or forcing Cucumbers. The fruit grows long, slim, straight and is nearly all meat. It is an immense bearer. Pkt. (50 seeds), 35c.

Cucumber—Rocky Ford. The points in its favor are earliness, uniform size and color, long yielding and keeping qualities and excellence for slicing. Under careful test with other varieties it has proven itself of decided merit, and we can thoroughly recommend it for private and commercial use. Pkt., 10c.; ½ oz., 20c.; oz., 30c.; 2 oz., 50c.; ¼ lb., 90c.; 1 lb., \$3.00.

Snow's Fancy Pickling Cucumber.

This selection made by a veteran western pickle grower, ranks at the very top as the best possible type of pickle. Our customers who are starting in the pickle business, or those who wish to put new and perfect blood into their stock, should order some of this. Pkt., 5c.; ½ oz., 12c.; oz., 20c.; ¼ lb., 60c.; 1 lb., \$2.00.

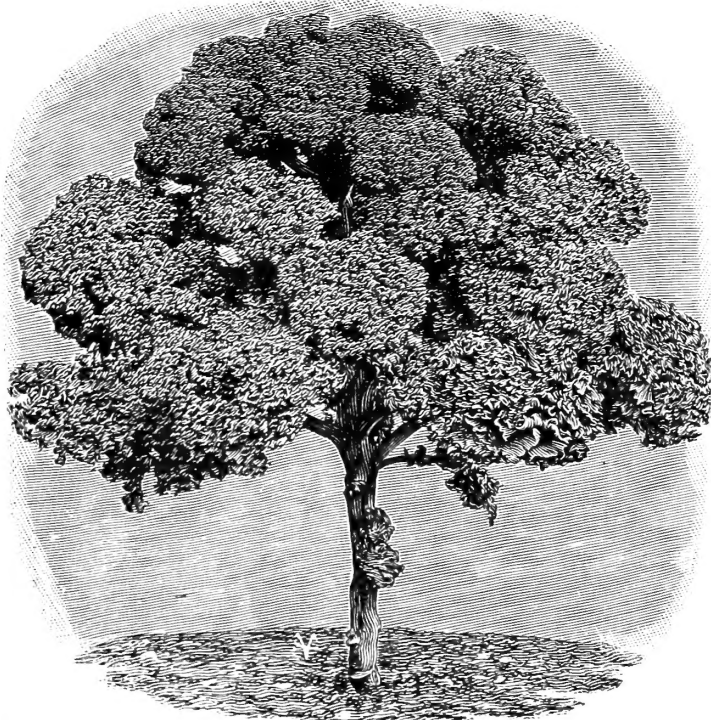
Fordhook Famous Cucumber. The fruits are perfectly smooth and very dark green, 12 to 17 inches long; straight and solid. Flesh greenish white, firm and crisp. It is a shy seeder, an enormous cropper and a handsome table fruit, which never turns yellow. The vines are of unusually vigorous growth. Pkt., 10c.; ½ oz., 20c.; oz., 35c.; 2 oz., 55c.; ¼ lb., \$1.00; 1 lb., \$3.50, postpaid.



Florence Fennel. An excellent legume with agreeable aromatic flavor, somewhat resembling celery, but with sweet taste and a more delicate odor. Very distinct from Common Fennel. It deserves to be used extensively. The thickened bases of the leaf stalks form a head or enlargement (see cut), firm, white and sweet. Height of plant, 2 feet. Directions for culture and use given with each order. Pkt., 5c.; oz., 10c.

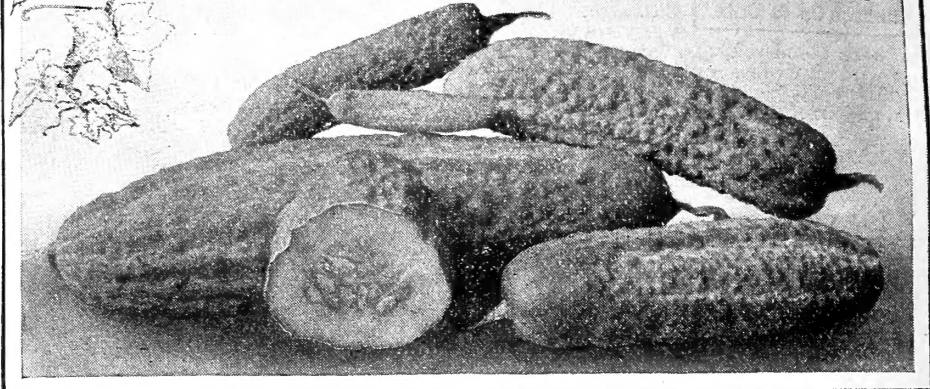
Vaughan's Excelsior Moss-Curled Kale.

This is by all odds the best Kale in existence. The plants grow from 18 to 24 inches high and produce as many as 50 usable leaves to a plant. The leaves are very curly and in flavor they are unsurpassed. The seed should be sown in April, May or early June, and the seedlings be planted 2 feet apart each way when large enough to handle. Pkt., 10c.; ½ oz., 20c.; oz., 30c.; 2 oz., 50c.; ¼ lb., 85c.



VAUGHAN'S EXCELSIOR MOSS-CURLED KALE.

CUMBERLAND CUCUMBER



The Cumberland Pickle. This variety, of the hardy White Spine type, is a rapid, strong grower and is very prolific in fruit. The pickles differ from all other hardy sorts in being thickly set with fine spines, except on the extreme stem end. During the whole period of growth, from the time they first set until full grown, the form is exceptionally straight and symmetrical, making them as choice for a slicing variety as for pickles. The flesh is firm, very crisp and tender at all stages. Pkt., 10c.; ½ oz., 15c.; oz., 25c.; 2 oz., 40c.; ¼ lb., 65c.; 1 lb., \$2.25.

The Best Pickling Cucumber Known. Enormously Prolific. A Shy Seeder. Fine for Both Slicing and Pickling.

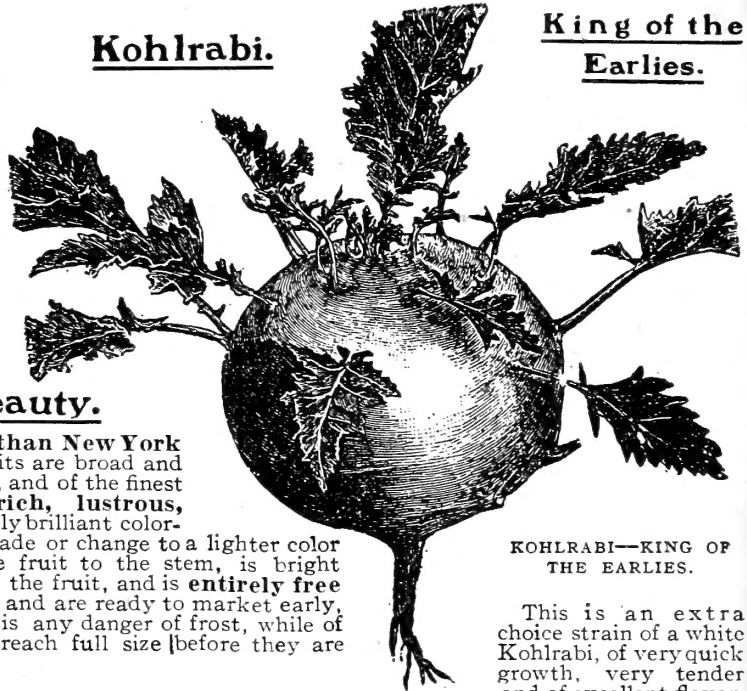
SPECIAL OFFER

No. 4.

One pkt. each: Cumberland Pickle, King of the Earlies Kohlrabi, Florence Fennel and Vaughan's Excelsior Kale, for 30c.

Kohlrabi.

King of the Earlies.



KOHLRABI—KING OF THE EARLIES.

This is an extra choice strain of a white Kohlrabi, of very quick growth, very tender and of excellent flavor.

The leaves are short, which admits of close planting and their being raised in frames for early use. Pkt., 10c.; oz., 25c.; 2 oz., 45c.; ¼ lb., 75c.

This is another vegetable not sufficiently known and appreciated, and in order to encourage its use we will send directions how to cook the same with orders.

New Lettuce Giant Crystal Head.

This Lettuce deserves the name because of its size, whiteness and solidity. There is no handsomer sort in cultivation. The outer leaves, of a bright light green, are close set and curly and serve to thoroughly blanch the unexposed center. In Spring or in Midsummer its leaves are alike of fine quality, tender and crisp. Pkt., 5c.; oz., 15c.; 2 oz., 25c.; ¼ lb., 40c.; 1 lb., \$1.25, postpaid.

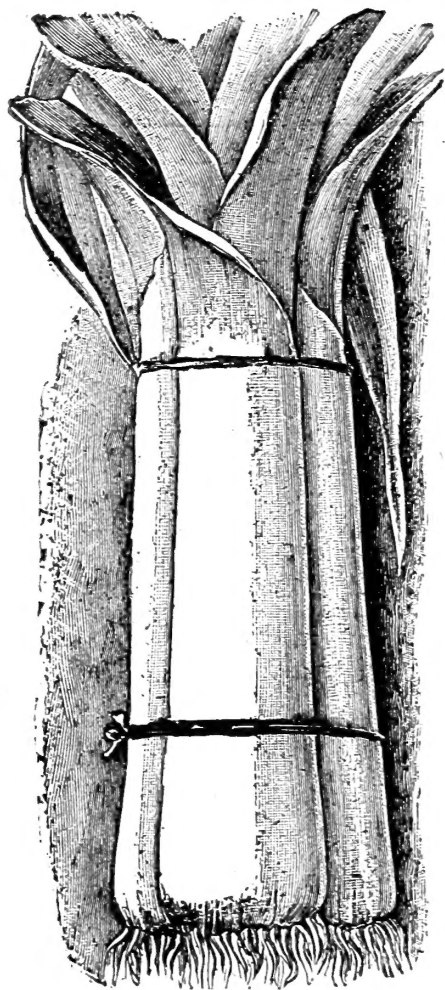
Lettuce, Giant Glacier.

Withstands heat and drought to an unusual degree. The plants grow strongly, about 12 in. in diameter. The leaves are finely serrated and swollen like those of Savoy Cabbage. The heads are often 6 in. in diameter and the interior is white, crisp and tender, without bitterness. Pkt., 5c.; oz., 15c.; 2 oz., 25c.; ¼ lb., 40c.; 1 lb., \$1.25, postpaid.

New Lettuce, Unrivalled.

See back cover.)

VAUGHAN'S VEGETABLE SEED NOVELTIES AND SPECIALTIES FOR 1904

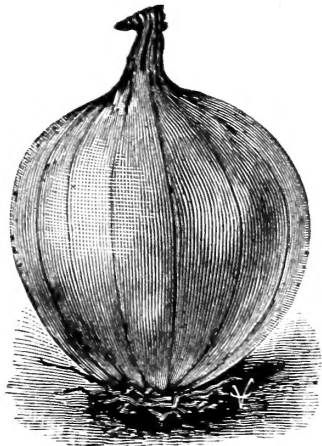


Leek - Bulgarian Winter.

This is one of the most desirable of Leeks, being extremely hardy and of enormous size, the stalk being tender up to a height of 15 in. Pkt., 10c.; ½ oz., 15c.; oz., 25c.; 2 oz., 40c.

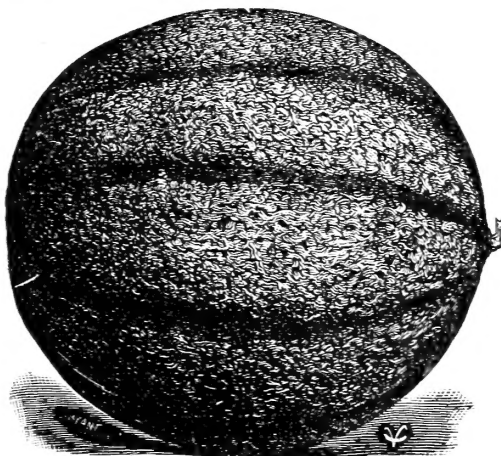
New Parsnip Vaughan's Marrowfat.

This excellent new Parsnip is the finest ever offered to the public. It grows to a good size, is of perfect form, and the skin is very clear and smooth. When cooked the flavor is far superior to other varieties, and it is also highly recommended for exhibition. Pkt., 5c.; oz., 15c.; 2 oz., 25c.; ¼ lb., 40c.; lb., \$1.25, postpaid.



New Onion, Express.

As early as White Queen, this new Onion is the earliest yellow Onion in existence. The bulbs are round, with very few leaves, and grow to a size of 6 to 7 inches in circumference. It has the flavor, solidity and keeping quality of a first-class Onion and should make good money in the earliest market. Pkt., 10c.; ½ oz., 15c.; oz., 25c.; 2 oz., 40c.; ¼ lb., 60c.; lb., \$2.00.



THE OSAGE GEM MUSK MELON.

Musk Melon The Osage Gem.

Combines the shipping qualities and flavor of the Osage and Netted Gem (Rocky Ford). This is hard to beat. A splendid shipper. Outside like the Netted Gem, inside like Osage or Paul Rose, it pleases the eye on sight and confirms the impression by its color and exquisite flavor when cut. It has two great advantages for the gardener. First, it will sell for the highest prices in any market where "Gems" are popular, from its appearance as a first-class type of that variety. Second, when cut it will please all customers who prefer a salmon flesh and will sell on its table merits, which are first-class and reliable if the crop is well grown. Pkt., 5c.; oz., 15c.; 2 oz., 25c.; ¼ lb., 40c.; lb., \$1.35, postpaid.

Musk Melon Blenheim Orange.

A scarlet fleshed, English Forcing Melon. It is of delicious flavor, handsomely netted and very prolific. Pkt. (35 seeds), 50c.

Iceberg Water Melon.

In general shape, size and appearance, this is similar to Kolb's Gem, but is distinctly darker, and the skin where the melon rests on the ground is rich yellow instead of white as in that variety. It has a very firm, hard rind, and is quite as good a shipper as the Kolb's Gem, but the flesh is much deeper colored, extends nearer to the rind, is much more tender and sweet. We think this variety is much the best dark colored shipping melon yet produced. Pkt., 5c.; oz., 10c.; 2 oz., 20c.; ¼ lb., 30c.; lb., \$1.00.

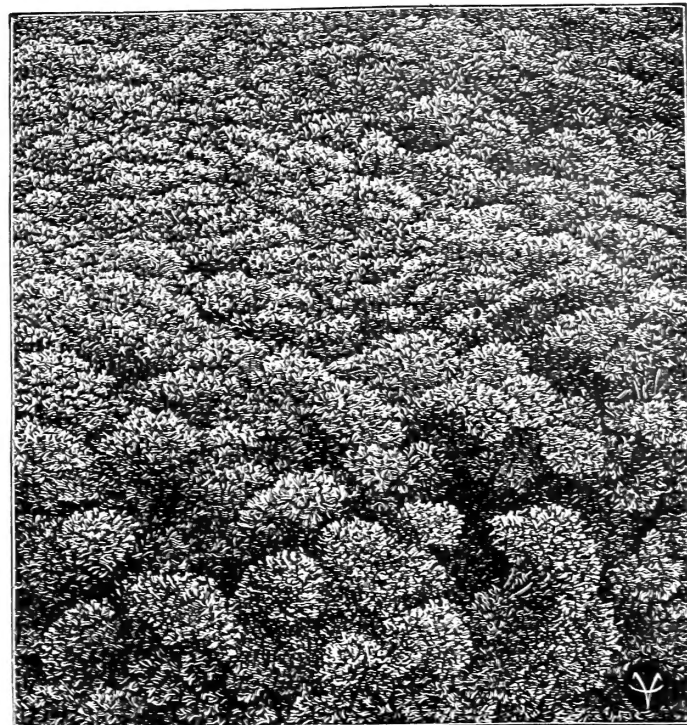
Grable Blue Water Melon.

This new Melon is like Sweetheart in color of flesh and solid sugary quality. It is earlier than Triumph and has a thin, strong rind, of a handsome blue outside appearance. It averages 28 to 30 lbs. in weight and is equally suited for the home garden and for the market. Pkt., 5c.; oz., 15c.; 2 oz., 25c.; ¼ lb., 40c.

Pole Beans.

Earliest Giant, "Advance." This is the best all-round Pole Bean. It is the earliest of all, being a week in advance of all others. It is a very vigorous grower, therefore invaluable for rougher climates. The pods grow 8 to 10 inches long, are deep green and produced in greatest abundance. Pole Beans yield larger crops than the Bush sorts, bear longer, are hardier and of better flavor. Pkt., 10c.; ½ pint, 15c. (by mail, 20c.); pint, 25c. (by mail, 33c.); quart, 45c. (by mail, 60c.).

Burger's Stringless. This is one of the best Pole Beans. The pods are long, green and absolutely stringless. The beans are small and white. The vines bear for a very long time. Pkt., 10c.; ½ pint, 20c. (by mail, 25c.).



Parsley, Dark Green, Triple Curled.

A distinct and very attractive dwarf Parsley, valuable alike for garnishing and culinary purposes. The leaves are of a bright emerald green color, often used instead of ferns to decorate the dinner table; one of the best varieties for general cultivation. Pkt., 5c.; oz., 15c.; 2 oz., 25c.; ¼ lb., 40c.; lb., \$1.25, postpaid.



SUTTON'S EXCELSIOR PEA.

Sutton's Excelsior Pea.

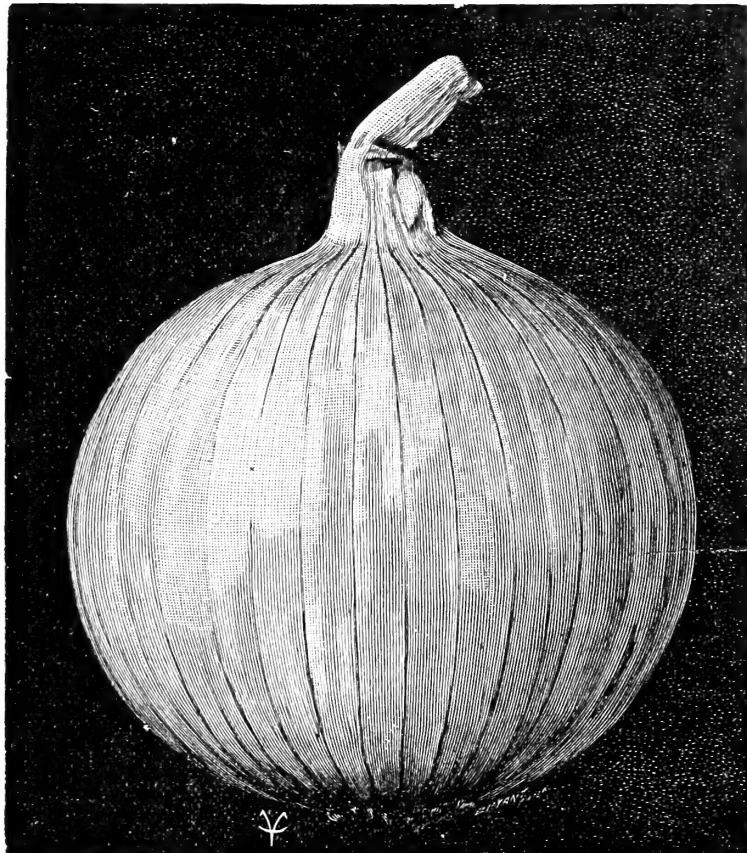
This is an ideal first early dwarf wrinkled pea, and the leading English market gardeners sow it on a large scale for first cropping. Height 18 inches, pods square ended and of good size. Flavor excellent. Our stock is true and may be relied on in every way. Pkt., 10c.; ½ pint, 15c. (by mail, 18c.); pint, 25c. (by mail, 33c.); quart, 45c. (by mail, 60c.); 2 quarts, 80c.; 4 quarts, \$1.50; peck, \$2.65; bu., \$10.00.

New Dwarf Champion Pea.

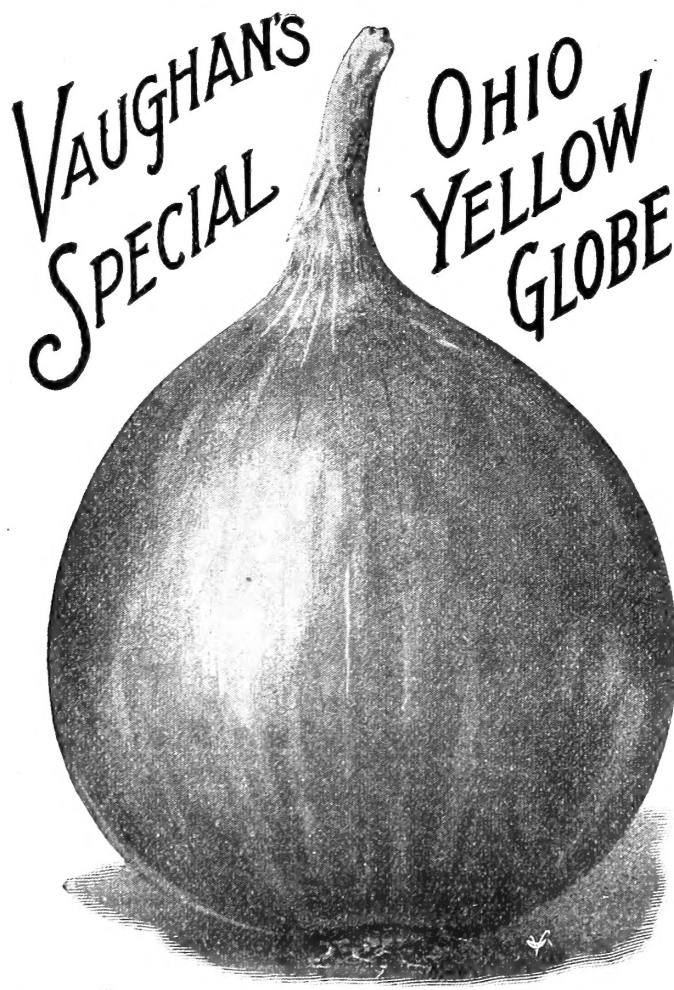
A Pea with all the merits of the well-known and reliable Champion of England, being hardy and excellent quality, but less vine, larger pods and more of them. In this Pea we have a hardy, robust and vigorous grower, productive of handsome dark green pods of good size and in great abundance, and the quality is unsurpassed. Height of vine about 26 inches. Season, coming in after the Little Gem. Pkt., 10c.; ½ pint, 12c. (by mail, 15c.); pint, 20c. (by mail, 28c.); quart, 30c. (by mail, 45c.); 4 quarts, \$1.00.

SPECIAL OFFER No. 18.

(Order by this number.) 1 pkt. each: Express Onion, Marrowfat Parsnip, and Sutton's Excelsior Pea, for 20c.



VAUGHAN'S IDEAL WHITE GLOBE ONION.



Southport Globe Onions

WE are taking a great deal of pride in our strains of Southport Onions, the white and yellow as well as this one. Our Seed Onions are selected with greatest care and none are planted except they have all the necessary requirements of the true type. The Onions are almost perfectly globe-shaped, with thin necks and clear skin.

Southport Blood-Red Globe. Our Blood-Red Globe is of a beautiful crimson red, and a better lot of seed cannot be found. This variety has for the past 5 years proven one of the most profitable for the market and shipping trade, commanding uniformly good prices in carload lots. Ours is the best selling color and shape. Lb., \$1.50; ¼ lb., 50c.; 2 oz., 35c.; oz., 20c.; ½ oz., 10c.; pkt., 5c., postpaid. By express, lb., \$1.40; 5 lbs., \$6.50; 10 lbs., \$12.00.

Southport Yellow Globe. A main crop, late, large, round Onion. It is sure to satisfy the one who buys a packet or the one who sows 50 pounds for carload shipments. A truly grand Onion whose large golden-yellow spheres make a beautiful appearance, sacked or barreled for the market. Finest of all yellow onions for keeping. Lb., \$1.50; ¼ lb., 50c.; 2 oz., 35c.; oz., 20c.; ½ oz., 10c.; pkt., 5c., postpaid. By express, lb., \$1.40; 5 lbs., \$6.50; 10 lbs., \$12.00.

Vaughan's Ideal White Globe. This is the handsomest of all Onions. Our genuine Connecticut grown stock is of the true globe form; pure white, hard, small necked, ripening very early and evenly, a good keeper. We supply the largest market gardeners in Chicago and the west. No market gardener or Onion grower can afford to plant inferior stock, with only cheapness of price to recommend it, when seed like ours is to be had, the results of a few ounces often paying twice the first cost of the best seed. Lb., \$2.10; ¼ lb., 60c.; 2 oz., 40c.; oz., 25c.; ½ oz., 15c.; pkt., 10c., postpaid. By express, lb., \$2.00; 5 lbs., \$9.50; 10 lbs., \$18.00.

**VAUGHAN'S
SELECTED
STOCK**
Eastern Grown
Finest Shaped
Best Colored
and
Largest Croppers
Excellent Keepers

Ohio Red Globe. This is another specialty of the Vaughan's Seed Store and a companion of the variety Ohio Yellow Globe mentioned below, and so very favorably known to our customers. Medium size, which means the best selling size in the market, deep color, small neck and early ripening. It has not exactly the flat bottom shape of the Ohio Yellow Globe, but has a round bottom rather than elongated. Lb., \$1.45; ¼ lb., 45c.; 2 oz., 25c.; oz., 15c.; ½ oz., 10c.; pkt., 5c., postpaid. By express, 5 lbs., \$5.75.

Ohio Yellow Globe. Finest shaped, best colored and largest cropper of any yellow onion. This is an extra fine selection of the best colored, finest shape and heaviest yielding bulbs, entirely distinct from the old type Yellow Globe Danvers. It is earlier, has a smaller neck, is of perfect globe shape and uniform in size and color. Lb., \$1.45; ¼ lb., 45c.; 2 oz., 25c.; oz., 15c.; ½ oz., 10c.; pkt., 5c. By express, 5 lbs., \$5.75.

Early Red Cracker. Flat in shape, of beautiful red color, quite compact. It matures about 10 days before Early Danvers, and in fineness of structure and delicacy of flavor is unsurpassed. This is an excellent variety for raising where the seasons are short. It grows to a diameter of from 2½ to 4 inches. Our seed is true to type. Lb., \$1.50; ¼ lb., 40c.; 2 oz., 25c.; oz., 15c.; ½ oz., 10c.; pkt., 5c., postpaid. By express, lb., \$1.40; 5 lbs., \$5.60.



HARVESTING VAUGHAN'S ONION SETS.

Reliable Onion Seed.

For many years we have supplied the leading growers in the Michigan, Iowa and Illinois Onion districts with their seed, and during all of that time we have realized the importance of good seed as our catalogues from year to year have fully indicated. Probably no vegetable in the entire seed list is of greater general importance than Onions grown from seed or sets. We devote this page especially to notable varieties, wishing to emphasize the possibilities of money-making in growing Onions.

Onion Sets.

Our market gardener customers at Chicago have engaged very largely in the growing of sets for the past ten years, and now Chicago and its immediate vicinity produces probably one-half of the Onion Sets grown in this country. Because of our direct seed selling relations with these growers we are in position to supply the very best possible at the lowest market price, and we carry in our warehouse a good supply of all the following varieties.

Bottom Sets.	Top Sets.	Multipliers.
Red Bottoms.	Egyptian or Perennial.	Shallot or Yellow Multipliers.
White Bottoms.	Red Spring Tops.	White Multipliers.
Yellow Bottoms.	White Silverskin Tops.	Yellow Potato.

For descriptions and prices see page 28.
Onion Sets are subject to market changes. Write for latest prices.

VAUGHAN'S VEGETABLE SEED NOVELTIES AND SPECIALTIES FOR 1904

Vaughan's Magnum Dulce Pepper.

Decidedly superior to Chinese Giant or any other variety known to market in size and sweet quality. The result of many years' careful selection by a successful grower. It is fully as prolific as Ruby King, much stronger in growth and foliage as well as larger in fruit. The flesh runs from $\frac{1}{4}$ to $\frac{1}{2}$ inch in thickness and is exceptionally mild and pleasant in flavor. 15 fruits fill a bushel basket. **Pkt., 15c.; 2 for 25c.**
If you want the best of all Peppers buy this. It was awarded a Certificate of Merit at the American Institute, September, 1903.

Vassar Improved Rutabaga Turnip.

This is a **Yellow Fleshed** selection out-of White Breadstone, made by the Vassar College gardener ten years ago and used there in quantity in preference to any other sort. Never before offered for sale. Of medium size and very uniform shouldered globe shape. Flavor at its best at Christmas and after. They are so very hard that they will be good if kept in a good cellar until the middle of June or later. **Pkt., 10c.; oz., 20c.; 2 ozs., 35c.**

RADISH.

Improved Early Scarlet Globe.

VAUGHAN'S
Selected Stock.

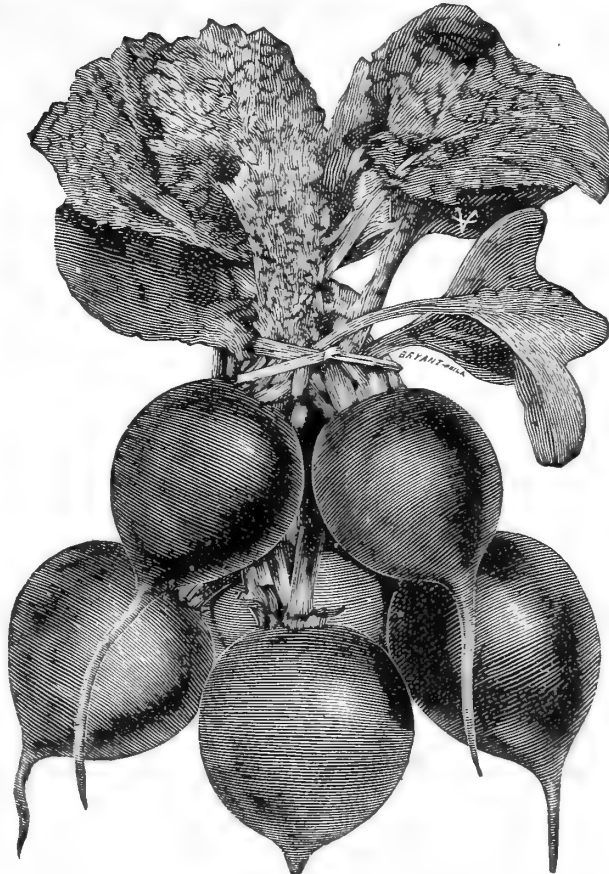
A desirable sort for hot-bed forcing and out doors; very early; Radish mild, crisp, juicy and tender; top small; will stand heat without becoming pithy. One of the best selling and most attractive Radishes on account of its bright scarlet color and handsome shape; is ready in 28 days. **Our stock of this is the very best,** selected with special care as to size, shape, color and earliness, and market gardeners will find it a money-maker, as it is just right in every respect. Market gardeners who raise this (and other sorts too, for that matter) can depend on the quality being right. We take the greatest pains to have it so. For family use this should be sown every ten days in order to always have a fresh supply. **Lb., 90c.; $\frac{1}{2}$ lb., 30c.; 2 ozs., 15c.; oz. (enough for a family garden), 10c.; pkg., 5c., postpaid; by express, lb., 80c.; 5 lbs., \$3.50; 10 lbs., \$6.25.**

New Earliest Radish "HAILSTONE."

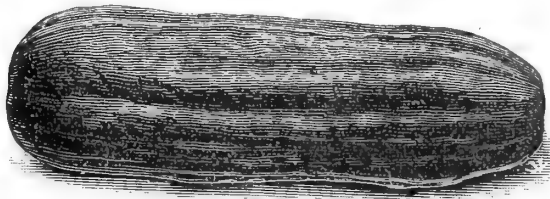
The **quickest-growing Radish on record.** Ready for the table in from fifteen to nineteen days. The radishes are regularly "turnip shaped." They measure one inch in diameter and about half an inch in depth; round, smooth and snowy white, with a short slender tap-root. The flesh is solid, crisp and mild in flavor. Its unusually small foliage (allowing them to be grown so closely together), combined with extreme earliness, handsome appearance, solidity and superb quality, cannot fail to quickly make it the most popular first-early white turnip-radish. **Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 35c.; per lb., \$1.25, postpaid.**

The Crimson Winter Rhubarb.

The earliest of all Rhubarb and fit for use not only in spring, but all through the summer and fall. In the Southern and Pacific States it may be used all the year round. In winter it is particularly fine. Color, bright crimson, except the new stalks on young plants. It forces readily in the greenhouse or cold frame. It is of excellent flavor, and the stalks are so tender that it is not necessary to remove the skin. It grows easily and rapidly from seed, making stalks for use the second year. **Pkt. (20 seeds), 10c.**



VAUGHAN'S SELECTED STOCK. EARLY SCARLET GLOBE.



THE MICHIGAN SQUASH

"Bush Fordhook" Squash.

Like the original Fordhook Squash, this new Bush type is **unequaled in quality** and delicious sweetness by any other variety either for summer or winter use. The young, tender fruits can be sliced and fried or prepared as other early varieties for summer use, while the ripened fruits can be gathered just before frost and stored in a warm, dry place for winter. They will keep in fine condition until the new crop is ready. **Pkt., 10c.; $\frac{1}{2}$ oz., 15c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$1.80.**

The Delicious Squash.

The Best Flavored
Squash in Existence.

Its color is almost uniformly of a green shade with occasionally a blue specimen, it being just about as pure in this respect as was the original Hubbard. In size it also closely follows the original Hubbard, which weighed between five and ten pounds. In thickness of flesh it surpasses nearly every variety, the color being a dark orange. For table use no squash compares with it in its remarkable combination of fineness and compactness of grain, dryness, sweetness and exceeding richness of flavor. It is a fall and winter squash, being excellent at all seasons; but, like the old Hubbard, though at any time excellent, does not acquire its best quality until winter. **Pkt., 10c.; $\frac{1}{2}$ oz., 20c.; oz., 30c.; 2 ozs., 55c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00, postpaid.**

The Michigan Squash.

This is an entirely distinct variety and belongs to the Summer and Fall Squashes. The Squash grows from 8 inches to 1 foot in length by a thickness of 3 to 4 inches. The seed cavity is very small, the flesh is extremely fine grain, of delicious flavor, lacking that decided squash flavor so prominent in most kinds. The exterior is very dark green, almost black, and the Squash averages from 2 to 3 pounds in weight. Our attention was called to this kind a few years ago when visiting New Haven, Conn., and we procured our stock seed from a local gardener, who had obtained as much as \$100.00 for 100 dozen Squash hauled into New Haven in one load. We recommend this variety very highly. **Price per pkt., 10c.; oz., 20c.; 2 oz., 35c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00, postpaid.**

Kale-Purple Ostrich Plume.

This is the most beautiful of the ornamental Kales. It should be in every flower garden, shrub or perennial border. The plants grow about 2 feet high; the leaves are feathery and the most striking purple color. It is undoubtedly one of the most effective foliage plants. **Pkt., 10c.**



Job's Tears. An old-fashioned but valuable remedy for sore throat, goitre and teething babies, when the seed is strung on linen thread and worn around the neck as a chain. They are cheaper than amber beads, which are used for the same purpose, and are a surer cure. Also used to advantage in basket making and raphia work. **Per oz., 5c.; (2 ozs. make a chain); $\frac{1}{4}$ lb., 15c.; lb., 40c.**

THE St. Louis World's Fair

VAUGHAN'S SEED STORE
AT THE
Louisiana Purchase Exposition

OUR displays of Beds, Cannas, Roses, Phlox, Pansies, etc., at the St. Louis Exposition will excel those made by us at Chicago, Omaha and Buffalo. These will be found around the Horticultural Building. Visitors will please ask for our representative at the office of the Horticultural Building.

VAUGHAN'S VEGETABLE SEED NOVELTIES AND SPECIALTIES FOR 1904

Vaughan's Model Tomato



THE foliage is very large, broad, very deep, dark green, and is heavily blistered. The fruit is first-class in size, smooth, very meaty, and of best quality; color, deep, brilliant scarlet. The plants are of bush form (similar to Dwarf Champion), holding the fruit well off the ground. It is the best sort we know for planting on rich, moist land, where the long-vined sorts will often decay. It is one of the first to ripen, which, with its brilliant color, grand size, fine shape and freedom from an "earthy" taste, makes it valuable to all Tomato growers. Grown among 25 leading kinds by a Tomato expert; he pronounces it the handsomest and most attractive sort in cultivation, besides possessing all the other requisite qualities to make it first-class for the house, garden or the market. It is also suitable for growing under glass.

Pkt. 10c.; 3 for 25c.; ½ oz., 30c.; oz. 50c.; 2 ozs., 80c.

The New TALL Champion Tomato.

It is an unusually strong and rank grower and heavy bearer. The fruit is large, smooth, well formed and heavy; of "Acme" color. Both vine and fruit resemble Cream City, but the fruit is larger and the vine ranker; in fact, we do not think any tomato has a stronger and more robust plant. A fair average size of the fruit is 2½ inches thick and 3½ broad. It is a first-class solid, showy tomato. Under such adverse conditions as we have had this season, it is one of the few sorts which have stood up and made something of a crop, while many kinds have been almost failures. It has no resemblance whatever to Dwarf Champion except in color or fruit. Pkt., 10c.; ½ oz., 20c.; oz., 30c.; 2 ozs., 50c.

FIVE GRAND SPECIALTIES.

NEW CELERY--"Snow White," better than White Plume.

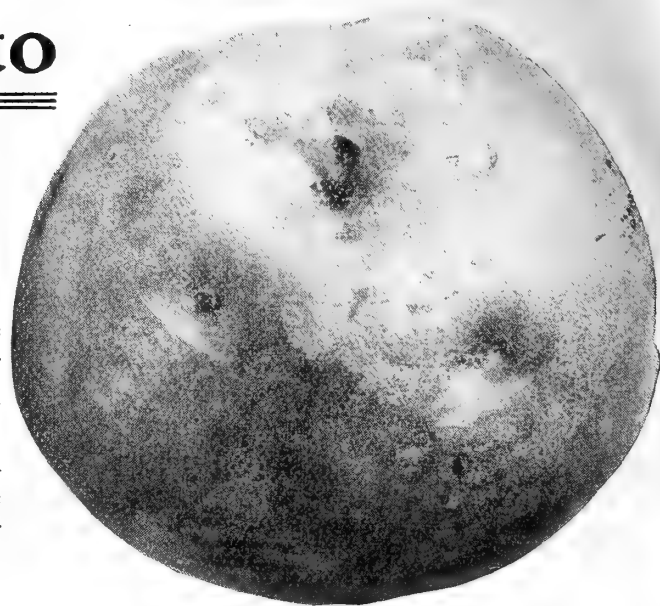
NEW LETTUCE--"Unrivalled," an improved Big Boston.

ONION--Vaughan's "Apple Shaped" Red, the most perfect type of red globe Onion.

"THOMAS LAXTON," a new first, early large podded Pea.

RADISH--"Crimson Giant," the largest of all forcing Radishes.

For description, and prices of these **MONEY-MAKERS**, see back cover pages.



JUNIOR PRIDE.

Potato--Junior Pride.

This is an early excellent variety of North-eastern origin which we have improved and made still more early by growing and selecting it for several years in the Red River Valley district. It averages larger than cut, which shows its shape. For earliness and fine table quality it is sure to become popular. It is as heavy a cropper as most of the main crop sorts, making it a first-class early potato for market gardeners. It will pay you to plant Junior Pride in quantity.

Lb., 30c.; 3 lbs. for 75c., prepaid. By Express at buyer's expense, ½ pk., 35c.; pk., 60c.; ½ bu., \$1.00; bu., \$1.85; bbl., \$4.50; if shipped from New York, add 20c. per bushel, or 50c. per bbl. to these prices.

New Potato

Vaughan's Early Wisconsin.

A variety which originated with a well known grower of Fort Atkinson, Wis. A remarkably fine sort in every respect. Color, white, good size and shape, a very strong grower and first-class yielder, maturing in time for the early market. Table quality extra good. It keeps well. We offer this season a limited quantity only.

Price per lb., 50c.; 3 lbs., \$1.25, prepaid. By express or freight. ½ pk., 70c.; pk., \$1.25.

A Word to Our Customers for 1904

Competition. While our prices here printed are so evidently reasonable that seemingly nothing is to be said regarding them, yet there are so many seeds of doubtful pedigree, weak vitality, and undesirable quality generally, offered for sale, that we ask our customers to remember that Vaughan's Seed Store will not buy or handle at any price vegetable or flower seeds unless raised by experienced growers from stock seeds of known purity and genuineness.

Therefore, we do not believe because you see seeds or plants offered by other firms under similar names that the same are equal in real value to ours, for often they will fill orders with seeds that we would not send out at any price.

About Seed Crops. There are only a few scarce varieties of seeds this year, but it so happens that some of the same kinds were very scarce last year, a very unusual condition. Seed of Cucumber and Sweet Corn are examples, while most Beans, some Garden Peas, Squash and Pumpkin have yielded but moderate crops. Our customers should keep in mind that because of the scarcity of the first two kinds named there will be some seed offered from mixed crops and irresponsible growers and doubtful vitality. Do not make the mistake of attempting to save on price at the risk of quality.

Humbug Novelties. For 27 years our claims for the merits of the seeds or plants, old or new, offered by us, have been most conservative. What a long list of exploded Big Promise Novelties have been tried in American gardens during that time with disappointing results.

Gardeners. We shall be pleased to render assistance to our customers who may require gardeners at any time. We are keeping a list of gardeners who are seeking situations. There is no fee.

Knowing the Business. Seeds, like drugs, require expert knowledge to handle and sell them. Seeds are of little value for pleasure or profit when bought through inexperienced hands, and from unknown or doubtful sources. Our stock books show record of grower, date of crop, and vitality test of all seeds sold by us. We sell large packets of fresh seeds, the best of their kind, and worth as much more than penny packets as we ask for them.

True Descriptions. We have made most careful comparisons through our entire lists, both in our own trials and careful observation of many European testing grounds, and our descriptions of all varieties here offered will be found as true as we can make them. The merits of one kind are compared with those of similar sorts, thus enabling the purchaser to arrive at some intelligent opinion of their real merits.

Our Mail-Order Business. We have the best equipment possible for the handling of mail orders. That is the larger part of our business. Our employees are experienced and are employed here the year around. Your orders are not handled by clerks employed only for the busy season. We send all plants and seeds prepaid except when otherwise stated. We fill all orders the first or second day by mail or express, except plants in freezing weather.

Our Two Retail Stores. In Chicago and New York our retail stores are in the center of the trading districts. At either of these stores you can choose from 2,000 different kinds of seeds. We have clerks who are experienced. We have expert gardeners to advise you. Our knowledge of horticulture is at the service of our customers. Any inquiry that you wish to make will be answered by an expert.

NEW YORK
14 Barclay Street

VAUGHAN'S SEED STORE

Greenhouses and Nurseries: WESTERN SPRINGS, ILL.

CHICAGO
84 and 86 Randolph St.

Vaughan's Garden Seeds

Grown Especially for Market Gardeners and Truckers.

SOW VAUGHAN'S SEEDS

WE can say this for our garden seeds (and our yearly increasing trade proves it), that there are none better. We handle none but the best, and every man in Chicago, where we have been in the seed business for 27 years, knows it. We refer to any florist in this broad land and every one will tell you that **Vaughan's seeds** are always good, always reliable.

Seed buying comes but once a year for most home gardens, and should not be decided on the claim of **cheapness**. The question should be, **where are the best**, not where are the cheapest; for the matter of saving a few cents is but a trifle as compared to the loss of labor, ground and perhaps the entire crop, with much disappointment added, when seeds are bought for low prices rather than on merit. **For discounts on seeds in packets, see inside front cover.**

The prices quoted in this catalogue include free delivery on packets, ounces, one-fourth pounds and pounds (except where otherwise stated). They do not include **delivery charges** on larger quantities, nor on pints, quarts, pecks or bushels.

"**BY FREIGHT OR EXPRESS**" always means that transportation charges are to be paid by the purchaser.

GARDENING IS NOT WORK

For the one who spends from eight to ten hours every day in the store, office or shop, but it is a combination of pleasure, health and profit.

Artichoke.

GREEN GLOBE. Produces large, lobular heads; scales green, shading to purple; best for general use. Pkt., 10c.; z., 30c.
See page 112 for Green Globe and Jerusalem Artichoke.

Asparagus Seed.

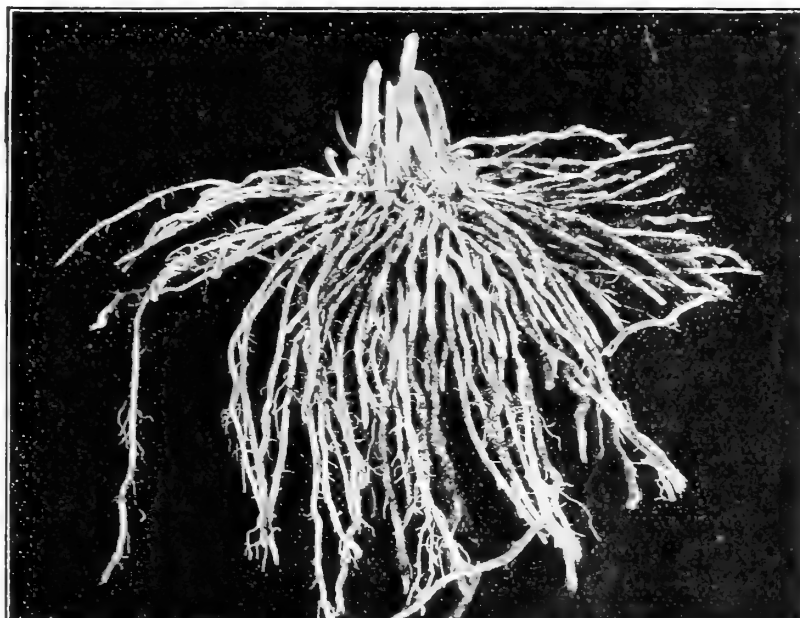
This seed should be sown in March or April, just as soon as the ground can be worked, in good, rich, mellow soil, in hills one foot apart, then covered with earth from one-half to three-quarters of an inch deep.

CONOVER'S COLOSSAL. 5 lbs., express, \$1.50; pkt., 5c.; oz., 1c.; 1 lb., 15c.; lb., 45c.

BARR'S MAMMOTH. Pkt., 5c.; oz., 10c.; 1 lb., 20c.; lb., 60c.

COLUMBIAN MAMMOTH WHITE. Produces white shoots which remain white. Pkt., 5c.; oz., 10c.; lb., 20c.; lb., 60c.

PALMETTO. One of the best. Pkt., 5c.; oz., 10c.; 1 lb., 20c.; lb., 60c.



Asparagus is a gross feeder. The earliness, tenderness, size and commercial value of the product depends principally on the rapidity of its growth, and as this is materially promoted by the richness of the soil, the plants should receive all the food they can assimilate during the growing season.

VAUGHAN'S TRUCK MANURE No. 2 is an excellent fertilizer for asparagus, and should be applied at the rate 1500 lbs. per acre, or about one pound to every three plants, well mixed with the soil. For price of this and other fertilizers, see fertilizer page.

Asparagus Culture.

A treatise on the best methods employed in England and France by Barnes and Robinson, with translation of Leboeuf's Essay on Asparagus. Price per copy, bound in cloth, 50 cents, postpaid.

Brussels Sprouts.

A Most Delicious Vegetable.

PARIS MARKET. This is a very fine new variety of half-dwarf growth, bearing handsome, solid, round sprouts of best quality, crowded together on stalk, 1 to 2 inches in diameter, resembling cabbages in miniature. The sprouts are used as greens, and become very tender and of rich flavor when touched by frost. Sow in May and treat the same as winter cabbage. Lb. \$1.40; 1 lb., 40c.; oz., 15c.; 1 oz., 10c.; pkt., 5c.

Broccoli.

LARGE WHITE MAMMOTH. Heads compact. Pkt., 10c.; 1 oz., 15c.; oz., 30c.

PURPLE CAPE. Large heads of a brownish-purple color and good flavor. Pkt., 10c.; 1 oz., 15c.; oz., 30c.

Asparagus Plants.

These prices do not include postage. If to go by mail, add 25c. per 100 for the 1-year-old plants, and 50c. per 100 for the 2-year-old plants. We furnish 25 of a kind at the 100 rate, except where noted.

Special prices on larger lots on application.

BONVALLET'S GIANT. See novelties.

COLUMBIAN MAMMOTH WHITE. One-year-old roots, doz., 15c.; 100, 75c.; 500, \$3.00; 1000, \$5.50. Two-year-old roots, 100, \$1.00; per 1000, \$6.50.

CONOVER'S COLOSSAL. One-year-old roots, 100, 50c.; 1000, \$4.00. Two-year-old roots, good plants, 100, 70c.; 1000, \$5.50; 2000, \$10.00; 5000, \$20.00. Three-year-old roots, extra strong, 100, \$1.25; by mail, \$2.00.

BARR'S MAMMOTH. One-year-old roots, per 100, 60c.; per 1000, \$4.50. Two-year-old roots, doz., 20c.; 100, 75c.; 500, \$3.25; 1000, \$6.00.

PALMETTO. One of the hardiest sorts, almost "blight proof," of excellent quality and fine appearance. One-year-old roots, per 100, 60c.; 500, \$2.75; 1000, \$5.00. Two-year-old roots, per 100, 85c.; 500, \$3.75; 1000, \$7.00. Three-year-old roots, per 100, \$1.25.

ASPARAGUS

By F. M. Hexamer.

This is the latest book on the culture of this profitable vegetable. Every gardener should have it. It tells how to prepare the ground, plant, cultivate, fertilize, harvest, pack, ship and can the product. **Gardeners**, in order to make money, must read and be up with the times. Every dollar spent for good gardening books means **one hundred dollars extra** in larger returns. Price, 50 cents.



Vegetable Gardening

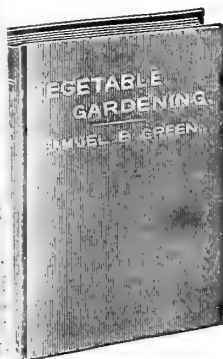
A MANUAL

on the growing of vegetables for home use and marketing.

By

SAMUEL B. GREEN,

Professor of Horticulture U. of Minn.



Revised Edition.

Regular Price, \$1.25; Our Price, 65c.

Every gardener and private planter should have this book; it will pay for itself the first summer.

ROW YOUR OWN VEGETABLES in your own garden that you gather them fresh and crisp with morning dew still on them, and that may gain the great pleasure derived from garden work in all its phases.



WARDWELL'S KIDNEY WAX.

Pole Beans

Early Golden Cluster Wax. A desirable sort, only seven days later than the Dwarf Golden Wax. The pods are tender, 6 to 8 inches long, borne profusely in clusters of three to six, and are of a beautiful golden-yellow color, which they retain a long time after being picked. They snap easily, are stringless, and delicious.

Kentucky Wonder or Old Homestead. A very prolific sort, producing its long pods in large clusters. The pods, when young, are nearly round, of best flavor and are most excellent for snaps. One of the best and most profitable Beans for the market gardener, the pods being so showy and produced in great abundance.

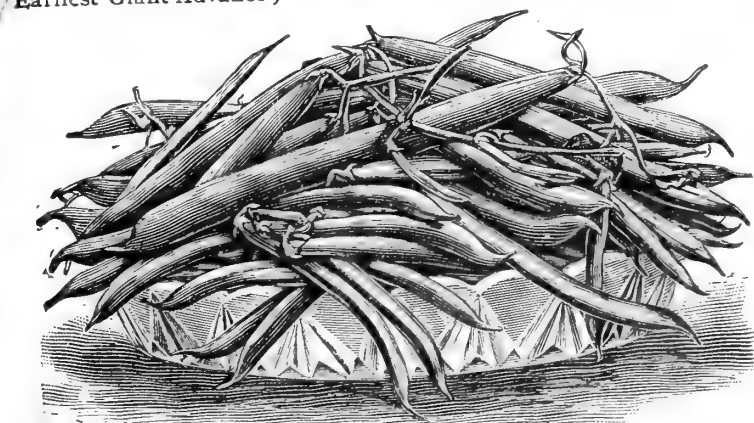
Scarlet Runner. A favorite, both as a Snap Bean and for its flowers, which are of a bright scarlet. Small packet, 5c.

Lazy Wife. The pods are produced in great abundance and measure from 6 to 8 inches in length; they are broad, thick, very fleshy and entirely stringless. The pods retain their rich tender and stringless qualities until nearly ripe, and are unsurpassed in all stages. Each pod contains 6 to 8 round white Beans, which make excellent Winter shell Beans. They are late to mature, but are valuable to extend the season. This is an excellent Bean.

These prices, except for packets, do NOT include prepayment by mail; if wanted by mail, add 8c. to the pint and 15c. to the quart prices.

ANY OF THE FOLLOWING, PER PKT., 10c.

	PT.	QT.	1/2 PK.	PK.	BU.
Early Golden Cluster Wax.....	20c	30c	\$1.10	\$2.10	\$7.75
Lazy Wife	20	30	.90	1.65	6.25
Dutch Case-knife	15	30	.90	1.65	6.25
Horticultural Cranberry	15	30	.90	1.50	5.75
Kentucky Wonder	15	30	1.10	1.75	6.75
Creaseback	15	30	.90	1.65	6.25
Scarlet Runner	20	35	1.20	2.25	.....
Burger's Stringless					
Earliest Giant Advance }					



KENTUCKY WONDER OR OLD HOMESTEAD.

BEANS

BUSH OR SNAP

Wax or Yellow-Pod Varieties

DAVIS WAX.

The vine is rustless and very vigorous, bearing next its center many clusters of handsome pods. The pods are long, often growing 7 or 8 inches in length, are straight and of a clear waxy white; in quality they are very brittle crisp and tender. It is one of the best Snap Beans for shipping, and one of the best for canning. The dry Beans are kidney shaped, clear white, and excellent for baking. This Bean has the greatest value for either the market or the home garden.

WARDWELL'S KIDNEY WAX.

One of the earliest, hardest and most productive of all Wax Beans. It is nearly a week earlier than the Golden Wax, and yields one-third more, and it is almost entirely free from rust and spots. The pods are long and showy, very tender, stringless, and of excellent quality.

STRINGLESS REFUGEE WAX.

Of special value to market gardeners, as it is suitable for early or late sowing, and for a wet or dry season. If sown in Spring, it will give seed in time for a second crop in Fall. It is a perfect Refugee, with wax pods that are long, round and of a golden-yellow color, and an immense yielder.

JONES' STRINGLESS WAX.

It is nearly a week earlier than any strain of Black Wax. The pods are long, perfectly round and exceptionally solid, of a delicate light yellow color, perfectly stringless, showing no coarseness even when past their prime; retains its brittleness and fine table quality when nearly matured.

Pencil-Pod Wax. An extremely good new Bean, being very early, very prolific and of excellent flavor. The pods are from 5 to 6 inches long, thick, fleshy, as round as a pencil and absolutely stringless. A beauty in shape and color of the true waxy type.

Rustless Golden Wax. Very early and productive; of excellent quality and entirely free from rust, besides being very crisp and tender. It keeps longer than any other after picking, which renders it valuable for distant shipping.

These prices, except for packets, do NOT include postage; if to go by mail, add 8 cents per pint or 15 cents per quart.

ANY OF THE FOLLOWING, PER LARGE PKT., 10c.

	PT.	QT.	1/2 PK.	PK.	BU.
New Brittle Wax					see Novelties
New Round Pod Kidney Wax }					
Valentine Wax.....	15c	30c	\$1.00	\$1.75	\$6.75
Davis Kidney Wax.....	20	35	1.10	2.00	.....
Wardwell's Kidney Wax.....	20	35	1.10	2.00	.....
Challenge Black Wax.....	15	30	1.00	1.75	6.75
Stringless Refugee Wax	15	25	.90	1.60	6.25
Saddleback Wax.....	25	40	1.25	2.25	8.00
Rustless Golden Wax.....	15	25	.90	1.60	6.25
Prolific German Black Wax.....	15	30	1.00	1.75	6.75
Golden-Eyed Wax.....	15	25	.90	1.60	6.25
Giant Yosemite Wax.....	25	45	1.50	2.75	.....
Improved Golden Wax.....	15	25	.90	1.60	6.25
Pencil-Pod Wax.....	15	30	1.00	1.75	6.75
Jones' Stringless Wax.....	15	30	1.00	1.75	6.75
Flageolet Wax.....	15	25	.80	1.50	5.75

Pole or Climbing Lima Beans

FORD'S MAMMOTH POLE LIMA.

The largest and most productive Lima Bean. The pods of this most desirable Bean grow to an average length of eight inches and are produced in great clusters. The pods have from 5 to 7 Beans of excellent quality, both green and dry. It might be called the ever-bearer, as the pods are produced early at the bottom of the pole and are continuously produced until the frost destroys the vines.

SIEBERT'S EARLY LIMA.

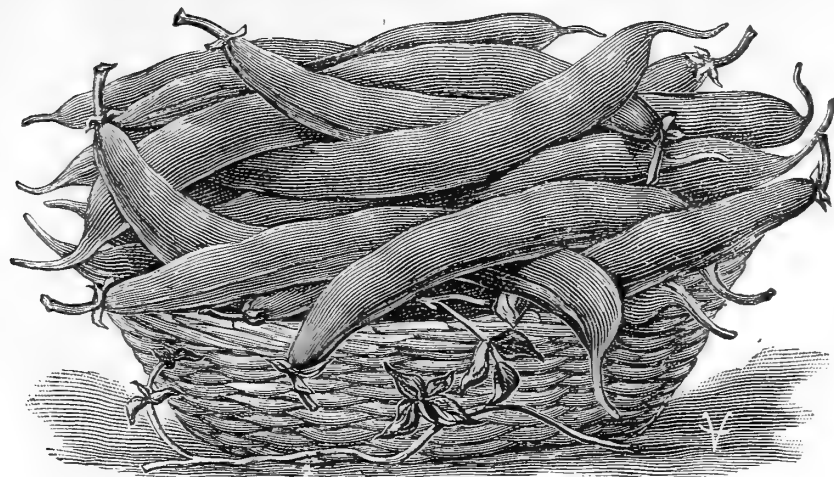
The vine is so productive that, although the pods rarely contain more than 4 Beans the yield is enormous, and is produced from the very first to the last of the season. The green shelled beans are of immense size, and are tender and succulent. They shrink in drying to about the size of the Large White Lima. In earliness, ease of shelling, size, beauty and quality of the Green Beans, this variety is far in advance of all other sorts.

KING OF THE GARDEN LIMA.

Finest stock for market gardeners. When not planted closely they set their pods early at the bottom of the pole, producing a continuous bloom and fruitage to the end of the season. The pods are of enormous size, many specimens measuring from 5 to 8 inches and producing up to 7 Beans to the pod, all perfectly formed and of superior quality.

ANY OF THE FOLLOWING, PER LARGE PKT., 10c.
PINT 15c., BY MAIL 23c.

	QT.	1/2 PK.	PK.	BU.
Ford's Mammoth Lima.....	30c	\$1.00	\$1.75	\$6.75
Large Lima, selected seed.....	30	.90	1.65	6.25
Siebert's Early Lima.....	30	1.00	1.75	6.75
Dreer's Improved or Challenger Lima.....	30	1.00	1.75	6.75
"King of the Garden" Lima.....	30	1.00	1.75	6.75
Extra Early Jersey Lima.....	30	1.10	1.90	7.75



IMPROVED EARLIEST VALENTINE.



STRINGLESS GREEN POD.

This excellent Bean produces a vine similar to Red Valentine, but develops pods to edible condition 2 to 3 days earlier than Valentine, that is to say in 30 to 31 days from germination. The pods are green, not quite so round as Valentine and less curved. The pods are absolutely stringless, breaking as short and free as pipe stems. This is undoubtedly the best of all Beans, and everybody should plant largely of it. Seed should be sown at intervals of 12 to 14 days, and as late as September. One quart is sufficient for a small kitchen garden.

Bush Lima Beans

DREER'S. A dwarf variety of the Dreer's Improved Lima; very prolific, single plants often producing from 150 to 200 pods. The Beans grow close together in the pods, producing 3 to 4 and sometimes 5 in a pod, and are thick, sweet and succulent. Pkt., 10c.; pt., 20c. (postpaid 28c.); qt., 35c. (postpaid 50c.); 4 qts., \$1.25; pk., \$2.25; bu., \$7.50.

HENDERSON'S. For convenience and practical use in the home garden it is a really good thing. It grows without the aid of poles, in compact bush form, about 18 inches high, is very productive and at least two weeks earlier than any of the Pole Limas. Bu., \$6.25; pk., \$1.65; qt., 25c. (postpaid, 40c.); pt., 15c. (postpaid, 23c.); pkt., 10c.

BURPEE'S. The true bush form of the old, large Lima Pole Bean. It grows vigorously to a height of 18 to 20 inches, forming a circular bush, 2 or 2½ feet in diameter, requiring no poles or stakes, yielding from 50 to 150 fine pods, similar in size and quality to those grown on the large white Lima Bean. Bu., \$7.00; pk., \$1.85; ½ pk., \$1.00; qt., 30c. (postpaid, 45c.); pt., 15c. (postpaid 23c.); pkt., 10c.

Wonder Bush Lima. See Novelties.

Special Offer No. 10. (Order this way), 1 packet each of the above 3 Bush Limas, 25c.

Special Offer No. 11. (Order this way), 1 pint each of the above 3 Bush Limas, 45c. (postpaid, 65c.)

Add 8 cents per pint and 15 cents per quart to the prices on this page, if to go by mail. Packet prices include postage.

WE KNOW BEANS as well as other seeds, and we also know that Seeds have to be selected and bred with equal care and intelligence as does live stock. Our seeds are pedigreed and will produce the right kind; they are fresh, pure, and true to name.

The Recollection of QUALITY Remains Long
After PRICE is Forgotten.

BEANS

Bush or Snap

CULTURE: SEE "VAUGHAN'S VEGETABLE GARDEN,"
Ask for a copy. It is free to buyers of Vaughan's Seeds.

Green Pod Varieties

"BOUNTIFUL"

Absolutely Stringless. Extra Early. Tender, Large Podded and a Bountiful Yields. An improved Long Yellow Six Weeks, being earlier, harder and producing better and larger pods and more of them. It is a very desirable new bean, the pods being absolutely stringless, tender, of finest flavor and good appearance. It is equally valuable for the gardener and for the home garden.

IMPROVED EARLIEST VALENTINE.

Our stock of this is extra choice. This variety is usually ready to pick in 34 days after planting. The pods are very thick and fleshy, of finest quality and unequaled in uniformity of ripening, which latter fact, combined with its earliness, makes it one of the most profitable sorts for the gardener.

Mammoth Stringless Green Pod. A mammoth podded selection from the original Stringless, not quite so early but more showy and possessing the good qualities of the parent.

Longfellow. The pods of this new Bean are about 6 inches long, pale soft green, straight and round, of delicious flavor; extremely early and a most abundant bearer.

New French Forcing Bean. "Triumph of the Frames." This is the best Bean for forcing under glass and equally desirable for out door planting, making delicious green "Haricots." The pods are long, slim and of best flavor.

These prices, except for packets, do NOT include postage; if wanted by mail, add 8 cents to the pint and 15 cents to the quart prices.

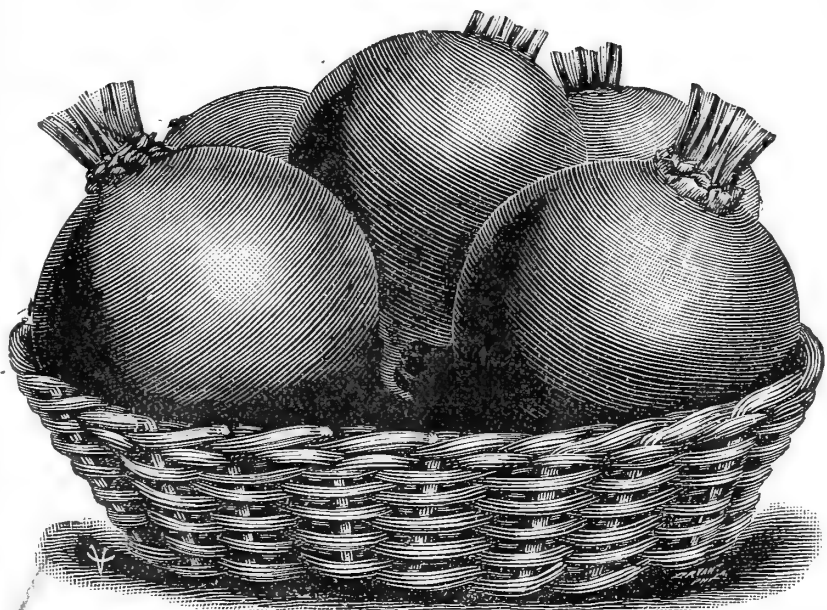
	PKT.	PT.	QT.	½PK.	PK.	BU.
Imp. Earliest Valentine,	10c.	15c.	25c.	75c.	\$1.25	\$4.75
Extra Early Refugee.....	10	15	25	75	1.25	4.75
Early Round-Pod Six Weeks.....	10	15	25	75	1.15	4.25
Stringless Green-Pod.....	10	15	25	75	1.25	4.75
Refugee or 1000 to 1.....	10	15	25	75	1.15	4.25
Early Mohawk.....	10	15	25	75	1.15	4.25
Long Yellow Six Weeks.....	10	15	25	75	1.15	4.25
White Marrow.....	10	15	25	75	1.15	4.25
White Kidney.....	10	15	25	75	1.25	4.75
Dwarf Horticultural.....	10	15	25	75	1.25	4.75
English or Broad Windsor.....	10	15	25	80	1.60	5.75
Improved Navy.....	10	15	25	65	1.00	3.75
Longfellow.....	10	15	25	80	1.50	5.25
Triumph of the Frames.....	10	20	40	...	...	...
Mammoth Stringless.....	10	15	25	75	1.25	4.75
Bountiful.....	10	15	25	80	1.50	5.25

Our "Packets" contain a very liberal amount of seed. The price of 10 cents includes postage. When purchased at our stores or sent by express, these packets contain more seed.



BURPEE BUSH LIMA BEAN

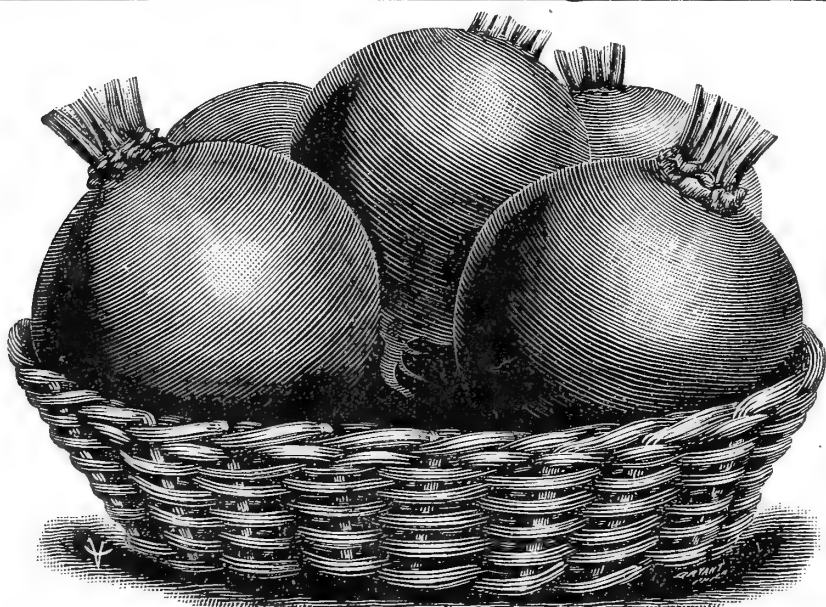
We pay postage or express charges on all seeds bought by the lb., ¼ lb., oz. or packet, except otherwise mentioned.



CROSBY'S EGYPTIAN—Vaughan's Selected Stock.

THE EARLIEST BEET IN THE MARKET.

A selection from that standard market Beet, Early Egyptian, which retains the earliness of the parent stock and has added thickness, giving it a more desirable shape. It is the deepest red, almost black in color, and is of finer quality than the Egyptian, being sweeter and even more tender and smoother. The most desirable sort for small beets for early market, as it is in presentable market shape quicker than any of the others. It is a very rapid grower and can be sown outside as late as July. Lb., 70c.; ¼ lb., 25c.; 2 oz., 15c.; oz., 10c.; pkt., 5c.; 5 lbs., by express, \$2.75; 10 lbs., \$5.00.



DETROIT DARK RED TURNIP.

Detroit Dark Red Turnip. A grand beet for bunching for market; tops exceptionally small and upright; roots are perfect turnip shape with small tap roots. Color of skin dark blood red; flesh bright red. Quality is of the very best, sweet, tender and lasting. One of the best for the market gardener and the home garden. Lb., 75c.; ¼ lb., 25c.; 2 oz., 15c.; oz., 10c.; pkt., 5c.; 5 lbs. by express, \$3.00.

Improved Early Egyptian. The best variety for forcing and excellent for first early crop out of doors, being very early, with small top. Roots very dark red, rounded on top, but flat beneath with very small tap roots; flesh dark red, zoned with lighter shade, hard, crisp and tender when young, but becoming woody with age. Our seed is a special selection of the darkest, earliest and most perfect roots with small tops. Pkt., 5c.; oz., 10c.; 2 oz., 15c.; ¼ lb., 20c.; lb., 55c.; 5 lbs. by express, \$2.00.

Early Eclipse. Roots nearly globular, with a small tap root and very small collar. Flesh dark red, zoned with a lighter shade, very sweet, crisp and tender, especially when young. Pkt., 5c.; oz., 10c.; 2 oz., 15c.; ¼ lb., 20c.; lb., 65c.; 5 lbs. by express, \$2.50; 10 lbs., \$4.50.

Electric. As early as Egyptian; this sort is well liked in the Eastern markets. It is almost round, leaves small, color very dark rich crimson, with rings of a lighter hue. Flavor delicate, rich and sugary. Pkt., 5c.; oz., 10c.; 2 oz., 15c.; ¼ lb., 25c.; lb., 80c.

Half Long Blood. One of the best for winter use. The roots are only half as long as the Long Blood, but weigh as much on account of their thickness. They are always smooth and handsome, and their rich, dark red flesh is very sweet, crisp and tender, never becoming woody even in the exposed portions. Lb., 65c.; ¼ lb., 20c.; 2 oz., 15c.; oz., 10c.; pkt., 5c.; 5 lbs. by express, \$2.50; 10 lbs., \$4.50.

How to grow Beets, see "Vaughan's Vegetable Garden." Free to buyers of Vaughan's Seeds. Ask for a copy when ordering.

BEET

An ounce of Beet Seed is generally sufficient for a home garden. It requires from 5 to 6 lbs. to sow an acre.



CRIMSON GLOBE.

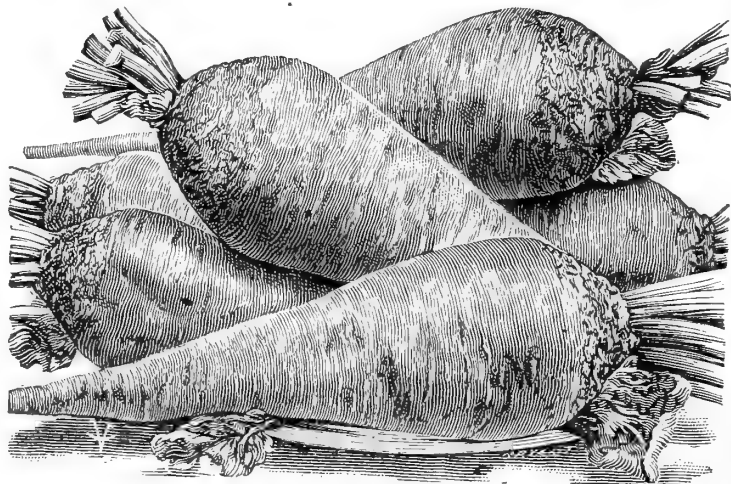
A MONEY-MAKER FOR THE GARDENER AND UNEQUALED FOR THE TABLE.

An extremely handsome, early or main-crop variety, of medium size, almost globe shaped and entirely free from rootlets, leaving the skin entirely smooth. The roots average 10 inches in circumference, the foliage is small and of a rich bronzy purple. The flesh is a rich blood red, slightly zoned and of the finest quality, always sweet and tender, never stringy. Pkt., 5c.; oz., 10c.; 2 oz., 15c.; ¼ lb., 25c.; lb., 75c., postpaid; by express, lb., 65c.; 5 lbs., \$3.00.

Vaughan's Chicago Market. A most perfect dark blood red kind. Even the leaves of every Beet are of the darkest glossy red, almost black. It is of turnip shape, first-class in size, smooth, with small tops and fine small tap root. We guarantee this to be the best of all the turnip-shaped Beets, the best of its sort in every way for main crop in market or home garden. An excellent keeper. Lb., \$1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c.

Long, Smooth Dark Blood. We have an exceptionally good quality of this sort. Lb., 50c.; ¼ lb., 15c.; oz., 10c.; pkt., 5c.; by express, 5 lbs., \$1.75; 10 lbs., \$3.25.

Edmand's Early Blood Turnip. The roots are of good form, round, with only one single small tap root; the flesh is of a deep blood red color, and very sweet and tender. They can be planted very closely, as they do not grow large and coarse, and have a very small top. It is one of the best for the market gardener and for table use. Lb., 60c.; ¼ lb., 20c.; 2 oz., 15c.; oz., 10c.; pkt., 5c.; by express, 5 lbs. \$2.25; 10 lbs., \$4.00.



HALF LONG BLOOD.

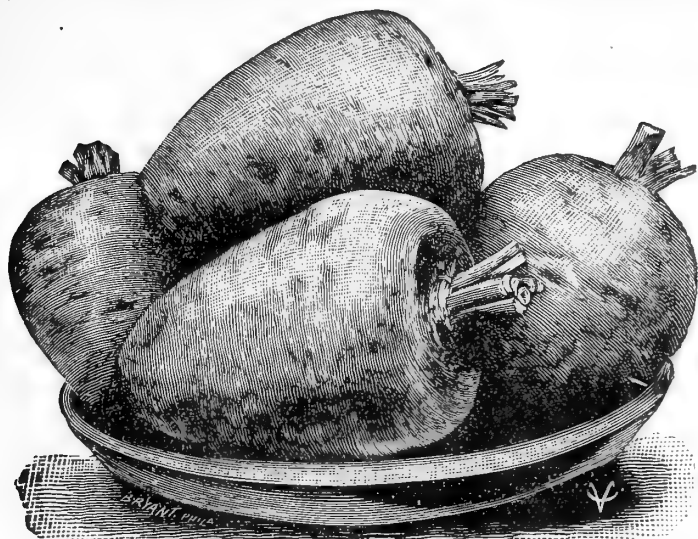
STANDARD VARIETIES.

We can supply these well known sorts at the uniform price of lb., 65c.; ¼ lb., 20c.; 2 oz., 15c.; oz., 10c.; pkt., 5c., postpaid. By Express, 5 lbs., \$2.50; 10 lbs., \$4.50.

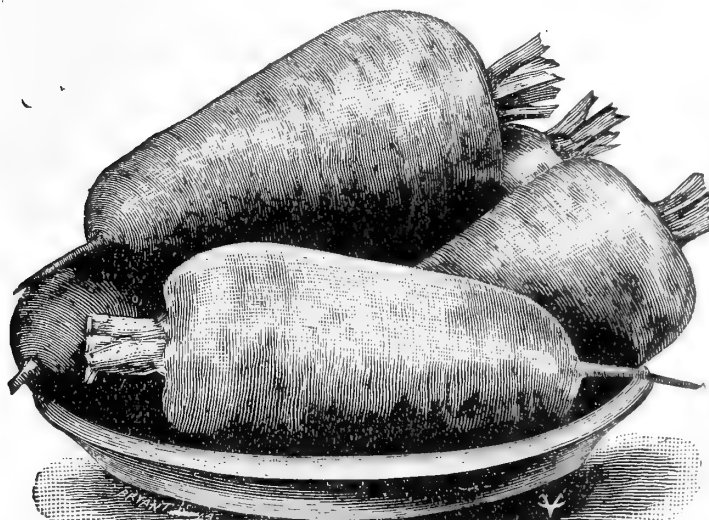
Arlington Improved. Early; deep round form; medium size; color, dark blood red; does not become stringy, but is sweet and tender at all times.

Bassano Early Flat Red. The earliest of all; flesh tender, white and rose in color.

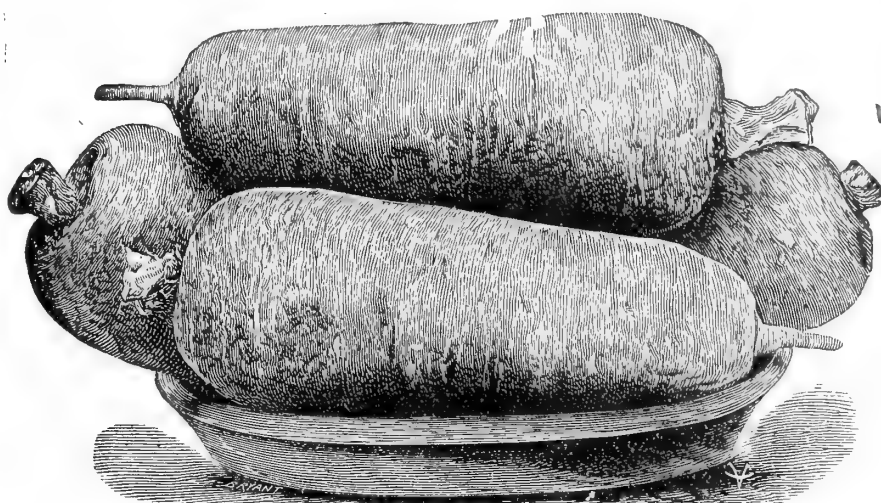
Dewing's Early Blood Turnip. Good color; medium size; smooth and handsome. Very desirable for marketing. For Mangolds and Sugar Beets see page 111.



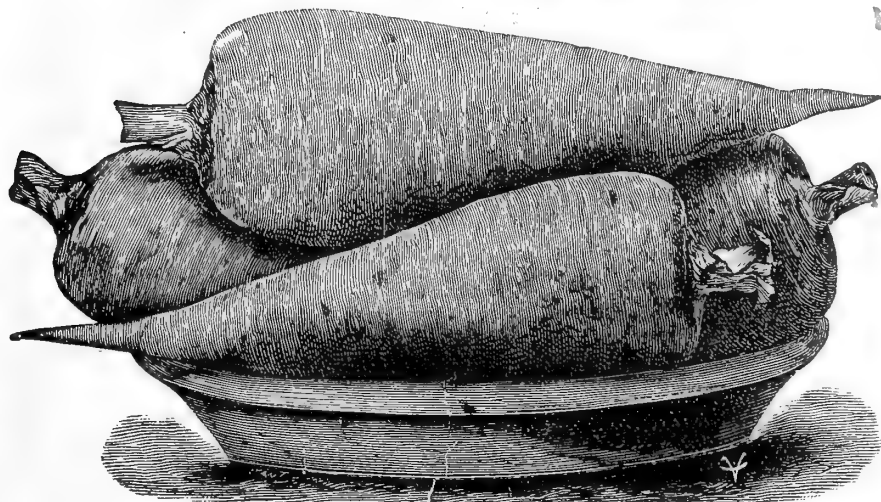
GUERANDE OR OXHEART.



EARLY CHANTENAY—THE BEST FOR BUNCHING.



VAUGHAN'S SELECT DANVERS—THE BEST FOR GENERAL CROP.



IMPROVED LONG ORANGE.

Three Ounces
of Seed to 100
Yards.

CARROTS.

Four Pounds
to the Acre.

The prices on ounces, $\frac{1}{4}$ pounds and pounds include postage; if to go by express deduct at the rate of 8 cents a pound from prices quoted. Note special cash discounts on large orders in front of book.

✓ **VERY EARLY SCARLET FORCING.** (French Horn.) The Earliest and best Variety for Forcing. The reddish-orange colored roots are nearly round. When matured they are about two inches in diameter, but should be used before they are full-grown, when they are tender and delicious. Pkt. 5c.; oz. 10c.; 2 oz. 15c.; $\frac{1}{4}$ lb. 25c.; lb. \$1.00.

✓ **EARLY SHORT SCARLET.** (Dutch Horn.) Larger than French Horn and almost as early, stump rooted, one and one-half inches thick and about three inches long, fine grained and sweet flavored. Color, rich deep orange; attractive for bunching; grows well in shallow soil. Pkt. 5c.; oz. 10c.; 2 oz. 15c.; $\frac{1}{4}$ lb. 25c.; lb. 90c.

✓ **GUERANDE, or OXHEART SELECTED STOCK.** A thick Carrot, 5 inches long and very blunt at the lower extremity. It grows very rapidly and the roots attain a weight of more than a pound. It is tender, of good flavor and of a deep red color, and is a variety we can recommend to all market gardeners. Pkt. 5c.; oz. 10c.; 2 oz. 15c.; $\frac{1}{4}$ lb. 25c.; lb. \$1.00. postpaid; 5 lbs., by express, \$4.00.

✓ **NANTES' HALF LONG, EARLY.** This is the sweetest of all Carrots, is of good shape and size. The leaves are fine, the roots are almost cylindrical, very smooth, and grow about 6 inches long; the flesh is entirely red, very sweet and almost entirely without a core. They are easily pulled and keep well. A most excellent sort. Pkt. 5c.; oz. 10c.; 2 oz. 15c.; $\frac{1}{4}$ lb. 25c.; lb. 85c.

✓ **EARLY CHANTENAY.** The Best Bunching Carrot. This is the best early Carrot in existence, one which market gardeners should plant for their main early crop. The Carrots grow about 6 inches long, are stump rooted, very smooth, deep red, fine grained, sweet and sugary, and not apt to crack open when growing. An excellent table sort, and a heavy cropper. Our seed is most carefully selected. Pkt. 5c.; oz. 10c.; 2 oz. 15c.; $\frac{1}{4}$ lb. 25c.; lb. 95c., postpaid; 5 lbs., by express, \$5.00.

✓ **VAUGHAN'S SELECT DANVERS.** The best Carrot for general crop; it is of rich orange color, a very heavy yielder and a splendid keeper. It is a first-class Carrot for all kinds of soils, and is valuable both for table use and for stock. We have an extra fine strain of this favorite sort, which we have sold for many years, and which has given the greatest satisfaction to our customers. Pkt. 10c.; oz. 15c.; 2 oz. 25c.; $\frac{1}{4}$ lb. 40c.; lb. \$1.50, postpaid; 5 lbs., by express \$6.25.

✓ **HALF LONG DANVERS.** This is a broad-shouldered Carrot, cylindrical in shape, stump rooted, of excellent color best flavor, and a most wonderful producer. Ready in about 65 days from the time of sowing. It is not only one of the best for the table, but owing to its shape, size and great yield and the fact that it is so easily harvested, one of the best for stock. Pkt. 5c.; oz. 10c.; 2 oz. 15c.; $\frac{1}{4}$ lb. 25c.; lb. 85c.; by express, 5 lbs., \$3.25.

✓ **LONG LEMON-COLORED STUMP-ROOTED.** This new Carrot is a real wonder, for while at maturity it is of large size so that it equals the stock Carrots in bulk of yield per acre, it is always as sweet as the Chantenay and at all times of its growth is in perfect condition for table use. It is of a beautiful lemon color, and stump-rooted. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 85c., postpaid.

✓ **IMPROVED LONG ORANGE.** A well-known sort, roots long, thickest near the crown, tapering regularly to a point, color deep orange. It is a good keeper of fine quality for winter use, and extensively grown for stock feeding. Pkt. 5c.; oz. 10c.; 2 oz. 15c.; $\frac{1}{4}$ lb. 25c.; lb. 85c.; by express, 5 lbs., \$3.00.

CARROTS FOR STOCK.

These are undoubtedly the most valuable of all the roots usually grown for stock. They are more nutritious than Turnips and nearly all animals like them and are benefited by them. The seed may be sown at any time in April and until the end of May. Sow from 4 to 6 pounds of seed to the acre.

✓ **THE MASTODON.** This is the heaviest cropping Carrot grown, yielding more tons to the acre than any other sort. The flesh is white, solid, crisp and very sweet, the roots are short and very heavy at the shoulder, which allows them to be harvested very easily. They do not break easily in pulling or storing, owing to their solidity and shape. One of the most profitable Carrots; liked by both cattle and horses. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 75c., postpaid; by express, 5 lbs., \$2.25.

Long White Green Top Belgian and Large Orange Belgian.

They grow about 20 inches long, partly above ground, and are enormously productive, keep well and are very nutritious. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 65c., postpaid; by express, 5 lbs., \$2.00.

Remember: Our prices on single pounds include postage. If sent by freight or express (which always means at buyers' expense), deduct 8c. per pound from above single pound rates.
How to Grow Carrots—See "Vaughan's Vegetable Garden." Ask for a copy, it is free to buyers of Vaughan's Seeds.

CARROTS require a deep, well-worked soil. For home use and early bunching the Chantenay, Nantes and Oxheart are the best; for general crop, our Select Danvers; while for feeding, the Belgian and Mastodon yield the largest crops. It is necessary to thin and weed Carrots early. Avoid weedy stable manure, but use Vaughan's High Grade Truck Manure for best results.

CABBAGE

Vaughan's Sure Heading Seed.

Our Prices include Postage; if to go by Express, deduct 8c. per pound.

20th CENTURY CABBAGE.

Extra Early. This new variety comes from Denmark, the home of the famous Danish Ballhead Winter Cabbage. The heads are round and solid as a cannon ball and earlier than any other sort. It grows more compactly, thus yielding a much larger crop than either Wakefield or Winnigstadt. For garden or market use it is unexcelled. Pkt., 10c.; ½ oz., 25c.; oz., 40c.; ¼ lb., \$1.25; lb., \$4.00.

"EARLY SPRING" The Earliest Flat Headed Variety. It is of the type of the Early "Allhead," resembling it in habit of growth, but is smaller and is nearly as early as the Wakefield. The heads have few outside leaves and these are small and grow so close to the head that they can be planted very close together. It is round in shape, slightly flattened, very solid, even before the Cabbages attain their mature size. It is a good "seller," round Cabbages receiving always the preference if offered in competition with pointed heads. Lb., \$2.25; ¼ lb., 60c.; 2 oz., 35c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.



EARLY SPRING.

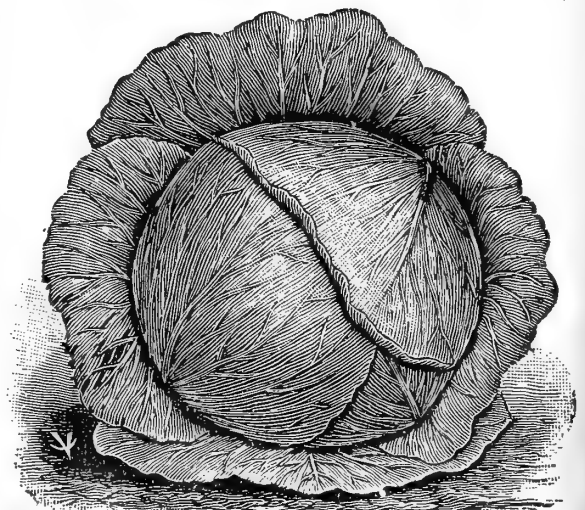
EXTRA EARLY EXPRESS.

An extra early sort, in which the plants are compact, with round, thick leaves, that form an oval head, which is astonishingly large for the size of the plants. The heads are comparatively thicker and less pointed than those of the Jersey Wakefield, and are only slightly later than those of that sort. Lb., \$2.25; ¼ lb., 75c.; 2 oz., 40c.; oz., 25c.; pkt., 5c.

EARLIEST ETAMPES.

Similar to Jersey Wakefield. The heads are fully as large, not quite so hard, but are of excellent quality. Sold also as "Earliest of All." "Wonderful," etc. Lb., \$1.75; ¼ lb., 50c.; oz., 15c.; pkt., 5c.

Early Flat Dutch. A remarkably fine strain; a sure header, the heads weighing from ten to twelve pounds, are of even size, solid and of good flavor. They mature about as early as Early Summer and stand long without bursting. This is one of the best of the second early kind. Lb., \$1.85; ¼ lb., 55c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

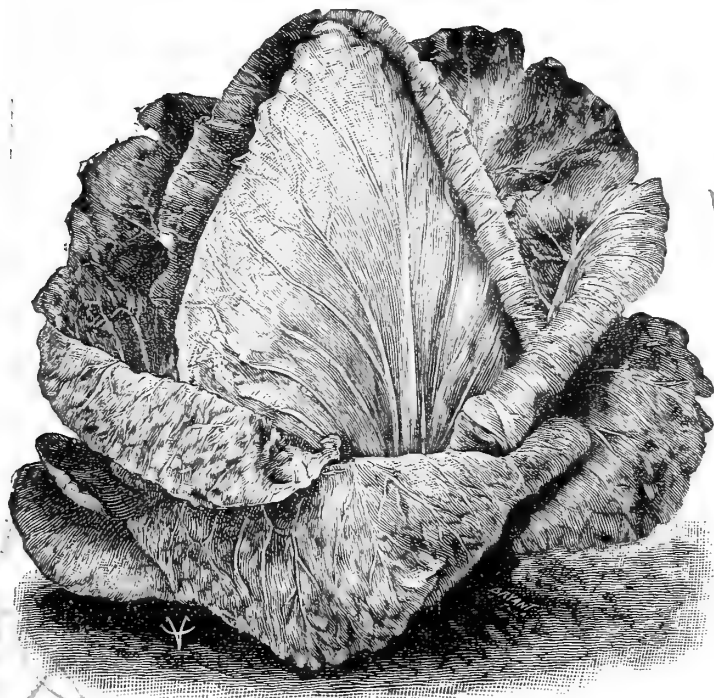


VAUGHAN'S VANDERGAW OR ALL SEASONS.

One of the best sorts for the market gardener, as it forms large, solid heads, much larger than the Early Summer and almost as early, while planted later, it makes a first class Fall and Winter sort. One of its main qualities is its almost absolute certainty to head. Lb., \$2.25; ¼ lb., 60c.; oz., 20c.; ½ oz., 12c.; pkt., 5c. By Express, 5 lbs., \$9.00.

Fottler's Improved Brunswick.

An extra fine strain with very uniform, large, solid heads. Always sure to head. Lb., \$1.75; ¼ lb., 50c.; oz., 20c.; ½ oz., 12c.; pkt., 5c. By express 5 lbs., \$8.00; 10 lbs., \$15.00.



EARLY JERSEY WAKEFIELD.

VAUGHAN'S SELECTED.

The best early Cabbage in cultivation. It forms fine solid heads of good size, conical in shape, with very few outside leaves, and of the best quality. We offer this as the earliest strain of this standard variety. Grown only from selected heads. Our strain is remarkably pure; warranted to give satisfaction. Lb., \$3.00; ¼ lb., 80c.; oz., 30c.; ½ oz., 20c.; pkt., 10c.

LARGE JERSEY OR CHARLESTON WAKEFIELD.

This sort forms uniform solid heads, considerably larger than the Early Wakefield and matures only a few days later; on clay ground, it will mature just as early. Largely planted by gardeners in the South. Lb., \$2.60; ¼ lb., 70c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

Early Jersey Wakefield. Imported Seed. Lb., \$2.00; ¼ lb., 60c.; oz., 20c.; pkt., 5c.

Early York. Heads small, heart-shaped, firm and tender. Can be planted 15 to 18 inches apart. Lb., \$1.60; ¼ lb., 45c.; 2 ozs., 25c.; oz., 15c.; pkt., 5c.



Sure Head. This sort produces large, round, flattened heads which are of uniform size, very hard and of fine texture, and weighs from 10 to 15 pounds. It is a good keeper and shipper, of fine quality and certain to head, even in the most unfavorable seasons. A general favorite with gardeners or large growers. Lb., \$2.25; ¼ lb., 65c.; 2 ozs., 40c.; oz., 25c.; pkt., 5c.

Early Summer. The seed we offer has been selected with special care from heads of even size, large, solid and of good texture, and we know that our seed gives entire satisfaction, being a special market gardeners' strain. Lb., \$2.10; ¼ lb., 60c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.



Early "Allhead" or Faultless.

Our seed is grown on Long Island by the originator. If a gardener or amateur were to plant but one variety of Cabbage he could get none that would answer all purposes as well as the Early "Allhead." For uniformity, reliability of heading, size, earliness and quality, it has no equal. It is also very profitable, since the outer leaves are so few, a close planting can be made, and 1,000 more cabbages per acre be grown than from seed of other sorts. 5 lbs. (by express) \$11.00; per lb., \$2.50; ¼ lb., 65c.; 2 oz., 40c.; oz., 25c.; ½ oz., 15c.; pkt., 5c.; postpaid.

Early Winnigstadt. One of the best for general use, being very hardy and sure to head. It seems to suffer less from the cabbage worm than any other sort. Heads regular, conical, very hard and keep well both Summer and Winter. Lb., \$1.50; ¼ lb., 45c.; oz., 15c.; pkt., 5c.

Filderkraut. Similar to Winnigstadt, but larger, more pointed and with fewer outer leaves. Highly esteemed for making kraut. Good either for first or second crop. Lb., \$1.80; ¼ lb., 50c.; oz., 15c.; pkt., 5c.

LOUDERBACK'S ALL YEAR ROUND CABBAGE.

This Cabbage originated with Daniel Louderback, one of the oldest and most successful of Philadelphia market gardeners; has for many years been the standard early round-headed Cabbage with Philadelphia Market Gardeners, who prefer it to Early Summer and similar sorts. It is not only the finest early Drumhead in cultivation, but is equally as good for second and third early, intermediate and late. The heads are large, compact and solid, with very short stem and few outer leaves, and unflagging under the hottest sun or heaviest frost. It may be sown successfully and continuously during all periods when Cabbage is planted. Lb., \$2.50; ¼ lb., 70c.; 2 ozs., 40c.; oz., 25c.; ½ oz., 15c.; pkt., 5c.



VAUGHAN'S IMPROVED LATE PREMIUM FLAT DUTCH

CABBAGE

Vaughan's S S
Suro-Heading

VAUGHAN'S PREMIUM FLAT DUTCH.

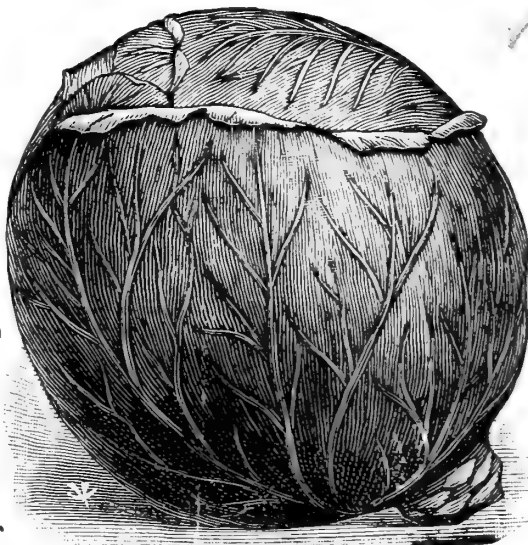
We recommend this sort for markets that require a large very solid head. No Cabbage is so universally grown as this because the seed may be sown in the open ground, and the young plants raised without the use of hot-beds—hence it is a universal favorite for general use. For heading, evenness of crop and size our strain of this cannot be surpassed. **Lb., \$2.00; ¼ lb., 60c.; 2 oz., 35c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.** By express, 5 lbs., \$9.00; 10 lbs., \$16.00.

DUTCH WINTER OR HOLLANDER.

The best Cabbage for late spring sales and for shipping. This has become known in the past eight years as the most reliable Cabbage for the shipping trade and has been almost universally used in districts famous for Cabbage growing, such as Racine, Wis., Central New York, Michigan districts and others. The heads are of medium size, averaging about 8 lbs., and are very solid and in their fine white color entirely distinct from other strains. While the quality is good they are uniformly excellent keepers, the heads being often just as solid and perfect when taken out in the Spring as when put away in the Fall. No Cabbage will sell against it. **Dutch Winter or Hollander Cabbage, Vaughan's Extra Selected Stock—Lb., \$2.60; ¼ lb., 75c.; 2 oz., 40c.; oz., 25c.; ½ oz., 15c.; pkt., 10c.** By express, 5 lbs., \$10.00; 10 lbs., \$18.75.

DANISH BALL-HEAD CABBAGE.

Genuine Seed grown by originator in Denmark. It thrives well on thin soils and in highly exposed situations. The heads are of good marketable size, not quite so large as Flat Dutch, but very hard, round, fine-grained, and will weigh one-fourth more than other varieties of equal size. This splendid shipping Cabbage is also sold under the name of "Solid Emperor" or "German Export." Our strain of this is unexcelled—the best to be had, imported direct from Denmark. It is one of the few imported kinds that will produce solid heads that keep through the Winter. **Lb., \$3.00; ¼ lb., 85c.; 2 oz., 50c.; oz., 30c.; ½ oz., 15c.; pkt., 10c.; 5 lbs., \$13.00; 10 lbs., \$25.00.**



DANISH BALL-HEAD.

LUXEMBURG, OR HARD HEAD.

Makes a good sized hard head, very heavy, and has remarkable keeping qualities for burying over Winter. Very profitable for late Spring sales after other sorts are gone, often bringing high prices. Always attracting buyers by its fresh green color, size and quality. It is undoubtedly one of the most profitable kinds for every gardener who winters Cabbage. The plants are very hardy, standing transplanting and long continued dry weather better than most sorts. **Lb., \$2.60; ¼ lb., 70c.; oz., 25c.; ½ oz., 15c.; pkt., 10c.** By express, 5 lbs., \$10.00; 10 lbs., \$18.50.

LOUISVILLE DRUMHEAD.

A strong and vigorous, but not coarse growing sort of Flat Dutch type. Plants short stemmed and compact, with broad, well rounded, large leaves, very full at base. Head semi-flat, thick and of good quality. **Pkt., 5c.; oz., 25c.; 2 oz., 40c.; ¼ lb., 75c.; lb., \$2.50.**

THE HOUSER. The heads are large, weighing, on an average, 10 to 12 lbs. They grow so compact and free from spreading leaves that fully 500 more heads can be obtained to the acre than with other Cabbages, and in solidity cannot be excelled. Heads measuring 36 in. in circumference had hearts measuring only 2 in. This late Cabbage is perfect in every respect as to size, weight, quality, sure-heading, smallness of heart and long-keeping. **Lb., \$5.00; ¼ lb., \$1.40; 2 oz., 80c.; oz., 50c.; ½ oz., 30c.; pkt., 10c.**

THE LUPTON. The heads are particularly large in proportion to the plant, which is a strong grower, but does not spread out much. It is one of the best keepers and comes out in the spring bright and fresh. It is more uniform and heads better than other late varieties. Our seed is grown by the originator, and will produce Cabbage of the highest type that can be obtained from this new sort. **Per lb., \$2.00; ¼ lb., 60c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.**

Succession. **Lb., \$2.25; ¼ lb., 60c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.**

Improved Stonemason. A large solid late Drumhead, very popular and much used in Boston. **Lb., \$2.25; ¼ lb., 60c.; oz., 20c.; pkt., 5c.**

Marblehead Mammoth Drumhead. Late; the largest Cabbage grown and for that reason deservedly popular with market gardeners. **Lb., \$2.25; ¼ lb., 60c.; oz., 20c.; pkt., 5c.**

Large Late American Drumhead. A specially selected strain of this standard variety for the main crop. It is productive and of best quality, and finds a ready sale. **Lb., \$1.85; ¼ lb., 50c.; oz., 15c.; pkt., 5c.**

Autumn King. **Lb., \$2.00; ¼ lb., 60c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.**

VAUGHAN'S BRIDGEPORT. One of the best shipping varieties, and famous ten to twenty years ago, when the Bridgeport-Chicago district supplied most of the Cabbage for southern shipments. It makes large, round, solid heads which very seldom burst or rot. Our seed of this is purchased from the stock seed of the original strain and can be relied upon to produce the largest, hardest and in every way most perfect heads. **Prices: Lb., \$2.50; ¼ lb., 70c.; 2 oz., 45c.; oz., 25c.; ½ oz., 15c.; pkt., 10c.** By express, 5 lbs., \$11.00; 10 lbs., \$20.00.



VAUGHAN'S BRIDGEPORT DRUMHEAD.

TESTIMONIALS

KANE CO., ILL.—The Potatoes, New White Ohio, were fine. They were about a week earlier than Improved Early Ohio. They are all of large size and the yield was very good. I am saving all of mine for seed.
MR. PETER SMITH.

MENARD CO., ILL.—Have had splendid success with all seeds and especially the Icicle Radish. It is all that is claimed for it and more. It is the best Radish I have ever grown, being perfect in taste, color and size.
H. A. TURNER.

SAC CO., IOWA.—The Ohio Yellow Globe Onions were fine and grew to enormous size. Some of them measured 4½ inches through and were a perfect round ball. I shall always sow some of these Onions.
O. J. BEDARD.

Glory of influence

Red Cabbages

✓ **Mammoth Rock Red.** This is the best, largest and surest heading Red Cabbage ever introduced. Heads deep red to the center, and will frequently average 12 inches. A sure cropper, and in every way a first-class sort. Lb., \$2.25; ¼ lb., 65c.; oz., 25c.; ½ oz., 15c.; pkt., 5c.

✓ **Extra Early Dark Red Erfurt.**

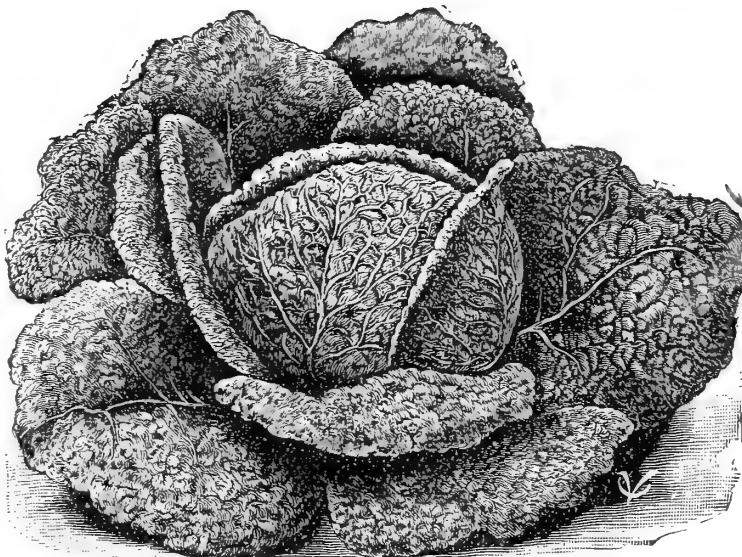
¼ lb., 60c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

✓ **Dark Red Dutch.** Lb., \$1.70; ¼ lb., 50c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

✓ **Red Drumhead.** The best for field culture and an excellent keeper. Lb., \$1.70; ¼ lb., 50c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

✓ **Giant Red Erfurt.** Very deep red and hard as a rock. Lb., \$2.00; ¼ lb., 60c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

CABBAGE PLANTS. We grow these in large quantities and can furnish them at lowest rates. For prices see "Vegetable Plants" in the back of this book. (See Index.)



MARVIN'S SAVOY CABBAGE.

Savoy Cabbages

SEE ALSO NOVELTIES

These Cabbages have a delicate Cauliflower-like flavor, and as they become better known in this country, are growing rapidly in favor with discriminating buyers.

✓ **New Colossal.** Largest of its kind. Lb., \$2.00; ¼ lb., 60c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

✓ **Small Early Ulm Savoy.** Pound, 50c.; ¼ lb., 50c.; oz., 20c.; ½ oz., 15c.; pkt., 5c.

✓ **Marvin's Savoy.** This is not only very large and solid, but very curly, and will give from 90 to 95 per cent of good heads in every field. Lb., \$2.25; ¼ lb., 60c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

USE SLUG SHOT for Cabbage Worms. It kills them. Lb., 10c.; 5 lbs., 30c.; 10 lbs., 50c., by express.

VAUGHAN'S SNOWBALL CAULIFLOWER



Cauliflower

✓ **Vaughan's Earliest Dwarf Erfurt.**

The very best for forcing and earliest in open ground.

Cauliflower seed should be thoroughbred. Erfurt best strains have a fifty-year pedigree. Some are so high bred that with perfection in bloom comes weak constitution. Such plants do not average a good seed crop once in three years; hence the best is dear and scarce. Vaughan's Earliest Dwarf Erfurt combines all pedigree points; earliness, purity of color, dwarf habit, fine grain. This seed will produce Cauliflowers worth the highest market price. It cannot be sold cheap for above reasons, but the shrewdest gardeners find it the most profitable. Lb., \$30.00; ¼ lb., \$8.50; 2 oz., \$4.50; oz., \$2.50; ½ oz., 75c.; pkt., 25c.

DANISH SNOWBALL.

Our Danish Snowball is a grand second early. It is the result of long, careful selection and uniformly produces even, regular heads. Through many seasons it has proved itself reliable and gardeners can trust it every time. Lb., \$20.00; ¼ lb., \$5.00; 2 oz., \$2.75; oz., \$1.50; ½ oz., 40c.; pkt., 10c.; 3 pkt. for 25c.

✓ **Extra Early, or Second Erfurt.** A very fine strain, producing large, white, firm heads; close and of excellent quality. It is dwarf, extra early and always certain to head; for early or late. We sell this largely to gardeners, who prefer it to Snowball. ¼ lb., \$6.00; oz., \$1.75; ½ oz., 50c.; pkt., 10c.

✓ **Large Early Erfurt.** This is a vigorous growing variety with large, white, firm heads. It is the very best sort for a second crop. ¼ lb., \$2.50; oz., 75c.; ½ oz., 40c.; pkt., 10c.

✓ **EXTRA EARLY PARIS.** Lb., \$6.00; ¼ lb., \$1.50; oz., 50c.; ½ oz., 25c.; pkt., 5c.

✓ **HALF EARLY PARIS.** Oz., 50c.; ½ oz., 25c.; pkt., 5c.; lb., \$6.00.

✓ **LENORMAND'S SHORT STEMS.** ¼ lb., \$2.00; oz., 60c.; pkt., 5c.; lb., \$7.50.

✓ **AUTUMN GIANT.** Well protected by foliage. ¼ lb., \$1.50; oz., 50c.; pkt., 5c.; lb., \$5.00.

✓ **ALOIERS.** Largest and best for late. Lb., \$10.00; ¼ lb., \$3.00; oz., 80c.; ½ oz., 40c.; pkt., 10c.

The Best for Early and Late Summer and Fall Crops. ✂

Always Sure to Make a Solid White Head. ✂ ✂ ✂

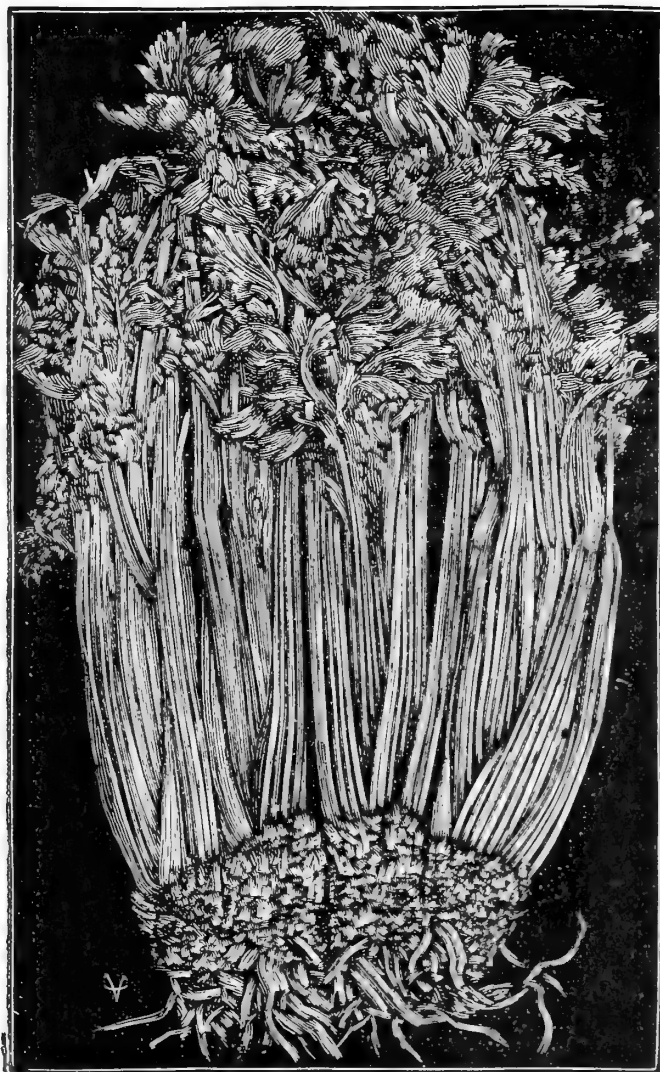
Vaughan's Early Snowball Cauliflower

We know of no better type of this variety—very early, smoothly rounded heads, fine grained, compact, even in size. While a first early, is better adapted generally to Fall use than the large late sorts so often grown for that purpose. We stake our reputation on its merits against all comers. All we want is that our customers try it—every one who uses Cauliflower, according to his needs—from packets to pounds. It will give satisfaction by the dozen plants or in a dozen acres. The habit of the plant is close growing and compact, and plants can be set closely together, from 18 to 21 inches. "Every plant," says our grower, "which did not produce a perfect head was discarded when selecting our stock plants for seed." Our customers have found it, by careful tests, fully equal to the best Cauliflower which they have ever grown, and our Chicago Market Gardeners, who plant extensively every year, place their orders now in advance. "Vaughan's New Snowball" is put up in packages as follows: Pkts., ¼ oz., ½ oz., 1 oz., and ¼ lb., sealed with our trade mark and with distinctive paper and printing. Price, pkt., 25c.; ¼ oz., 85c.; ½ oz., \$1.50; oz., \$3.00; 2 oz., \$5.25; ¼ lb., \$10.00; lb., \$35.00.

The seed of this Cauliflower was saved with the greatest care and only from perfectly developed heads which yield but little seed. "Cheap" Cauliflower seed is a very poor investment because it cannot be good

Cauliflower seed is probably the most important and critical of the entire vegetable family. No gardener can afford to plant doubtful stock at any price. Our Cauliflower seed is proven, for in many cases we can furnish stock of the previous season which has been tried for quality and therefore must be good.

GUERNSEY CO., OHIO.—The Golden Heart Celery is the finest that I have ever seen. Grows very large, is crisp and easily bleached. The White Mountain Potato and the White Ohio are simply grand; grows large and smooth and are both good yielding. I raised four times the amount of potatoes from the same amount of ground this year that my neighbors did from home grown seed of the Early Rose. MR. W. H. CRAWFORD.



WHITE PLUME—VAUGHAN'S SELECTED STOCK.



GOLDEN SELF-BLANCHING.

CELERY

See Also Novelties

VAUGHAN'S GIANT GOLDEN HEART.

The best Celery for Winter storage. Ever since we introduced this Celery it has gained in public favor and rightly so, for it is not only the best keeper, but it is large, solid, as sweet as a walnut and of a beautiful golden color. It is a selection from the Dwarf Golden Heart, grows much larger than its parent, but otherwise possesses all its excellent qualities. We strongly recommend it to gardeners as well as to private planters. Lb., \$2.65; ¼ lb., 75c.; 2 ozs., 40c.; oz., 25c.; ½ oz., 15c.; pkt., 10c.

WHITE PLUME, SELF-BLANCHING.

Vaughan's selected stock. This sort is too widely known to require an extended description. We will only say that we have not yet found a Celery that is as early and of as good a flavor, as crisp and tender as our selection of this sort. We sell every year large quantities of this seed to market gardeners, who find it uniformly white and free from green or hollow stalks. It is not a good keeper, but it is excellent for Fall and early Winter use. Lb., \$2.10; ¼ lb., 60c.; 2 ozs., 35c.; oz., 20c.; ½ oz., 12c.; pkt., 5c. By express, 3 lbs., \$5.00; 5 lbs., \$8.00.

GOLDEN SELF-BLANCHING.

This is the Best Celery for Early Use. This variety is now the leading sort in all markets as an early Celery. The stalks are much broader and heavier than those of the White Plume, and greatly superior in quality. It is ready for use nearly as early, producing dwarfier and much larger bunches of broad, heavy stalks, blanching to a deep golden yellow. The handsome color, crispness, tenderness, freedom from stringiness and nutty flavor of this variety make it only necessary to be tried in order to establish it as the standard of excellence as an early sort. We can furnish a limited amount of seed grown by the introducers in Paris, while our American stock is grown from the above strain, selected and reselected for years with the utmost care, and same can be thoroughly depended upon to be as good as any strain in the market. French Grown Stock: Lb., \$4.25; ¼ lb., \$1.20; 2 ozs., 70c.; oz., 40c.; ½ oz., 20c.; pkt., 10c. American Grown Stock: Lb., \$3.25; ¼ lb., 90c.; 2 ozs., 50c.; oz., 30c.; ½ oz., 15c.; pkt., 5c.

GIANT PASCAL.

One the best for Fall and Winter use. It is a selection from the Golden Self-Blanching, and adds to the general good qualities of its parent superior keeping qualities. The stalks are very large, solid, crisp and of a rich nutty flavor, free from any trace of bitterness; it blanches very easily and quickly, and retains its freshness a long time after being marketed. The heart is golden yellow, very attractive. Lb., \$1.75; ¼ lb., 60c.; 2 ozs., 35c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

PINK PLUME.

The stalks are of clear, creamy white, shaded with a beautiful delicate pink. The foliage is white, like the White Plume, and the plants bleach naturally. It has the long keeping qualities for which red celeries are noticeable, also that sweet, nutty flavor, and the faint tint of pink makes it wonderfully attractive. It has no tendency to rust and matures and blanches as early as White Plume. Lb., \$1.60; ¼ lb., 50c.; 2 ozs., 25c.; oz., 15c.; ½ oz., 10c.; pkt., 5c.

Well-Known Standard Sorts.

Dwarf Golden Heart.
Perfection Heartwell.

We furnish the following at the uniform price of Lb., \$1.50; ¼ lb., 40c.; 2 ozs., 25c.; oz., 15c.; packet, 5c.
Pérle Le Grand.
The Schumacher.
Crawford's Half Dwarf.
Solid Ivory or Kalamazoo.

Rose-Ribbed Paris Self-Blanching.

This superb Celery, when ready for the table, is of a beautiful, light golden-yellow color, very distinctly streaked with pink. It is a sport of the Golden Self-Blanching and possesses all the good points of its parent. It stands unrivaled among Celeries in points of quality and beauty. It is unequalled in flavor by any other variety grown. It is easily grown and may be blanched by a single light hilling, and it is a splendid keeper. There can be no mistake made in planting this handsome and altogether excellent Celery. Lb., \$2.00; ¼ lb., 60c.; 2 ozs., 35c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

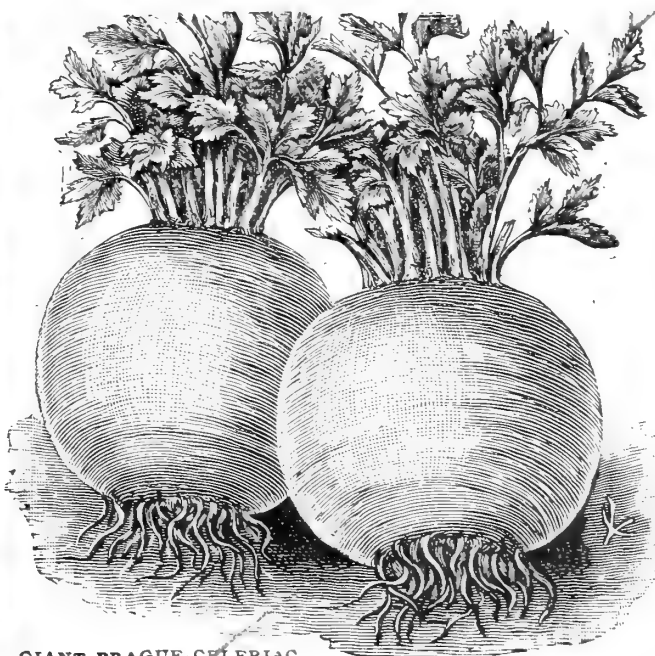
EVANS' TRIUMPH.

One of the best late sorts. Of excellent quality and one of the best keepers, remaining in condition much longer than most sorts. Its stalks are very large, solid, of finest texture and quality; crisp and tender and real nut-like flavor. Lb., \$2.00; ¼ lb., 60c.; 2 ozs., 35c.; oz., 20c.; pkt., 5c.

Giant Prague Celeriac.

Prager Riesen Sellerie.

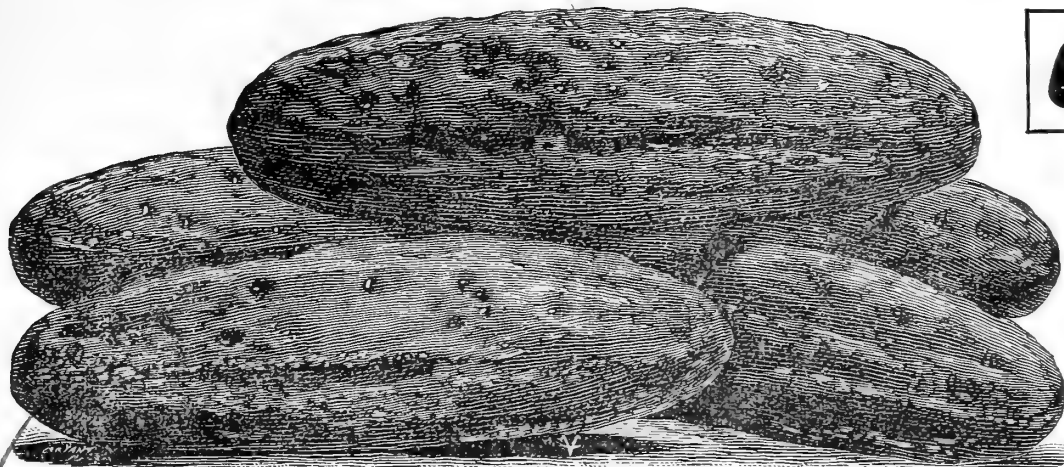
This is unquestionably the largest and best Celeriac in existence. The roots are very large, twice as large as the Erfurt, almost globe shaped, smooth, with only a few roots at the bottom. Flavor is excellent. Lb., \$1.50; ¼ lb., 50c.; oz., 15c.; ½ oz., 10c.; pkt., 5c.



GIANT PRAGUE CELERIAC.

VAUGHAN'S CELERY MANUAL.

The only practical and complete guide to Celery culture ever published. By a practical grower of 20 years' experience; revised and published by J.C. Vaughan. Price, postpaid, 50 cents. This treatise will be sent free with a Celery Seed order of \$3.00, or with any general order for other seeds amounting to \$5.00, if requested.



VAUGHAN'S IMPROVED ARLINGTON WHITE SPINE.

One of the most distinct, popular and profitable of our special introductions. The real merit of this sort has gained for it a large and ever increasing demand, especially in very large Cucumber growing districts of the South and East. Scores of seedsmen are advertising at cheaper rates a White Spine Cucumber claimed to be 'as good or better' than this, but they have never proved their strains to be so, and our market gardener customers are satisfied to 'let well enough alone,' by continuing to plant 'Vaughan's Arlington,' and take no other. It is beyond question the earliest and most productive variety of this type. Rich green color throughout its entire length and very straight and symmetrical. We are constantly trying to improve this variety by most careful selection, always paying liberal bonus to our growers over the usual prices for growing Cucumber seeds. Lb., \$1.80; ¼ lb., 50c.; 2 oz., 35c.; oz., 20c.; pkt., 10c.; 5 lbs., by express, \$7.50.

Improved Jersey Pickle.

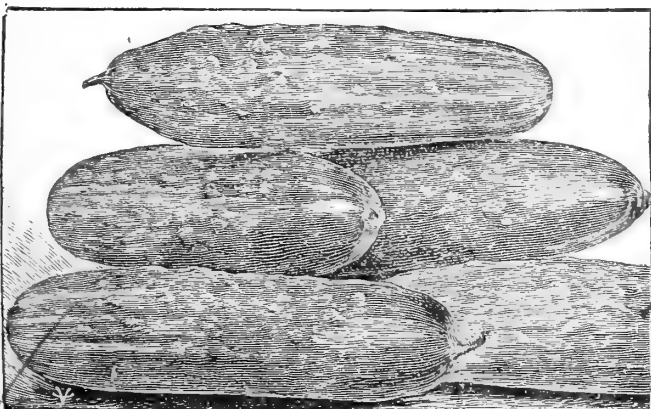
This makes splendid vinegar pickles on account of its color, making what picklemen call a "light" pickle, excellent for "Gherkins." It is more prolific than White Spine. New land, turned-over pasture makes the nicest pickle. We have extra selected seed. Lb., \$2.00; ¼ lb., 60c.; oz., 20c.; pkt., 5c.; 5 lbs., by express, \$9.00.

20 CENTS' WORTH OF SEEDS EXTRA

WILL BE ALLOWED ON EACH ONE DOLLAR SENT FOR SEEDS IN PACKETS AND OUNCES

See Particulars of this Discount on Second Page Cover.

Nov. 24, 1902.
HENRY CO., ILL.—The "Cumberland" Pickle I found true to name. It is certainly a rapid grower and very productive. My pansies were beauties from the 1st of August until a few weeks ago. I have a few blooming now, Nov. 15th
MRS. D. H. LEWIS.



Evergreen, or Extra Long White Spine.

One of the Best Table Sorts and Splendid for Forcing Under Glass.

A fine strain, producing smooth, regular fruits, frequently 12 inches long. Smooth, round, handsomely colored, and very regular in size and form; of excellent quality. Lb., \$2.25; ¼ lb., 60c.; oz., 25c.; ½ oz., 15c.; pkt., 5c.

English Frame Cucumbers

Carter's Model. This is one of the best of the English Cucumbers for greenhouse culture. Grows to immense size, straight, smooth, and is of excellent quality. We offer introducers' seed. Pkt. (25 seeds), 25c.; 3 for 65c.

Rollison's Telegraph. 18 in. long. ½ oz., \$1.00; pkt. (35 seeds), 25c.

Noa's Forcing. Excellent, prolific. Pkt., 15c.

Vaughan's Prolific Forcing.

It is early, robust and produces a great abundance of short-necked fruit in clusters, 2 or 3 at a joint. They have but few spines; color a fine, rich green; length 10 to 14 inches and holding the same uniform thickness from end to end. Pkt. (35 seeds) 20c.; 3 for 50c.

CUCUMBER

ANY OF THE FOLLOWING, PER PKT., 5c.; OZ., 15c.; EXCEPT WHERE NOTED.

	¼ lb.	lb.
Livingston's Evergreen, for pickling.....	\$0.50	\$1.80
Improved White Spine.....	.50	1.70
Extra Early Green Prolific.....	.50	1.70
Japanese Climbing, pkt., 10c.....		
Green Prolific, or Boston Pickling.....	.55	2.00
Early Cluster.....	.55	2.00
Early Frame, 5 lbs., \$9.00.....	.70	2.60
Emerald, oz., 20c.....	.60	2.25
Serpent or Snake, oz., 20c.....		
Goliath, enormously large, grows from 20 to 25 in.; good for frame and outdoors. Pkt., 10c.; ½ oz., 20c.; oz., 40c.		

COOL AND CRISP. The skin is very dark green, almost black, and covered with knobs, upon which the spines set, which gives the pickles a very attractive appearance. They are very early and prolific. As a Cucumber for slicing it is splendid. Lb., \$2.25; ¼ lb., 60c.; oz., 25c.; pkt., 5c.

The Cumberland Pickle, }
Cyclone—Earliest of All. } SEE NOVELTIES.

GHERKIN, for Pickles.

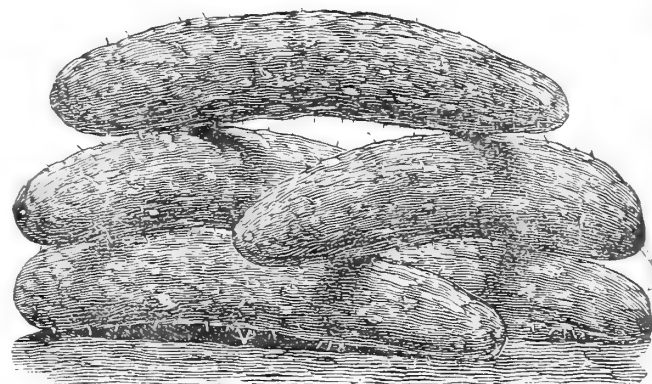
A very small, oval, prickly sort, distinct from all others. It is grown for pickles only. It is the smallest of all Cucumbers and should be pickled when young. The seeds germinate slowly. Lb., \$1.70; ¼ lb., 50c.; oz., 15c.; pkt., 5c.

FORDHOOK PICKLING.

An extremely prolific variety that continues setting its fruits long after other sorts have ceased to bear. It produces longer vines and more Cucumbers than any other kind. The thinness of skin, their uniformity of size and shape, the crispness and tenderness of the flesh, taken with its free-bearing habit, render it one of the best pickle Cucumbers. Lb., \$2.25; ¼ lb., 60c.; 2 oz., 35c.; oz., 20c.; pkt., 5c.

VEGETABLE GARDENING

By Prof. S. B. Green. Regular price, \$1.25; our price, 65c. Every gardener should have this valuable book. It tells about seed sowing, manures, greenhouses, insects, etc. Competition in gardening is getting keener every year. It is the gardener that keeps abreast of the times and reads that makes the money.



IMPROVED LONG GREEN.

Vaughan's Selected Stock. One of the Best for Pickles and Salad.

A selection from the Long Green. Vines vigorous and productive, forming fruit fit for table nearly as early as the shorter sorts; fruit about 12 inches long, firm and crisp. The young fruit makes excellent pickles, and when ripe is the best for sweet pickles. Lb., \$2.00; ¼ lb., 60c.; oz., 20c.; pkt., 5c.; by express, lb., \$1.90; 5 lbs., \$9.00.

PLEASE NOTE The Cucumber seed crop over the whole country was practically an entire failure and there is but very little reliable seed in existence. Customers should therefore not lose any time in securing their seed and from a reliable house. There is a lot of spurious seed on the market, saved from culls, from fields off which the pickles had been picked. Beware of that kind of seed.

Priscott's Improved Cucumbers

VAUGHAN'S VEGETABLE COOK BOOK

Tells how to cook and use rarer Vegetables such as are listed on this page. Price, heavy paper cover, 25c; or free to every customer who buys garden seed to the amount of \$2.00 or upwards and asks for same. Bound in linen, 40c.

A Page of Little Known But USEFUL VEGETABLES

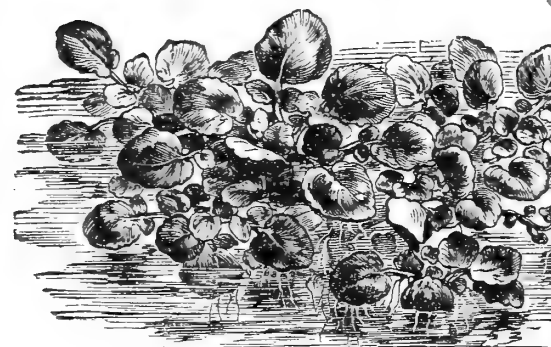
For Culture of the following see "Vaughan's Vegetable Garden," free to buyers of Vaughan's Seeds.



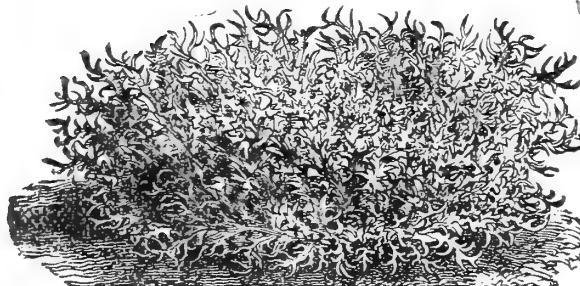
CORN SALAD.



CURLED GARDEN CRESS.



WATER CRESS.



STAGHORN ENDIVE.



VAUGHAN'S IMPROVED PURPLE EGG PLANT.

CARDOON. *Kardon—Cardon.* The blanched stalks or ribs of the inner leaves are preferred, though main root is also used as a winter vegetable. **Pkt., 10c.; oz., 20c.; 2 ozs., 35c.; ¼ lb., 60c.; lb., \$2.00.**

DOUBLE CURLED CHERVIL. *Koerbel—Cerfeuil.* It is a hardy annual, worthy of more general use for flavoring and garnishing. More beautiful than parsley, and can be used to great advantage in beautifying dishes of meat and vegetables. **Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.**

CHICORY. *Witloof—Barbe-de-Capucin.* The leaves are used as salads with oil and vinegar, either in their natural state or blanched. Roots are also used to mix with or be substituted for coffee. **LARGE ROOTED MAGDEBURGH. Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.** By express, 5 lbs., \$2.50; 10 lbs., \$4.00.

CORN SALAD. *Rabinschen oder Acker Salat—Mache.* A most refreshing salad; used extensively in Winter and Spring as a substitute for lettuce, also cooked like spinach. **Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c., postpaid.** By express, 5 lbs., \$2.25.

CRESS OR PEPPER GRASS. *Garten Kresse—Cresson alenois.* **CURLED GARDEN.** Much used with lettuce, to the flavor of which its warm, pungent taste makes a most agreeable addition. **Lb., 50c.; ¼ lb., 15c.; oz., 5c.** By express, 5 lbs., \$1.75.

UPLAND CRESS. Has the highly prized flavor of water cress. It is so hardy as to be green nearly the whole year and is ready for use before any other salad in Spring. **Oz., 30c.; ½ oz., 15c.; pkt., 5c.**

WATER CRESS. *Wasser Kresse—Cresson de fontaine.* The pleasant and peculiar flavor of the Water Cress causes it to be highly esteemed for table use. Its culture can be carried on anywhere where there is sufficient supply of fresh, pure water; it is not even necessary that it should be running water. It can also be grown out of water in tubs of good soil kept in a very shady place, if watered occasionally. Our packages contain full cultural directions. **Oz., 30c.; pkt., 10c.; 3 for 20c.**

DANDELION. *Loewenzahn—Dent-de-lion.* Dandelion as a money crop is fast becoming the favorite spring green in the market. **THICK LEAVED OR CABBAGING.** An improvement on the common sort, the leaves being double the size. **Lb., \$6.00; ¼ lb., \$1.60; oz., 50c.; ½ oz., 25c.; pkt., 10c.**

EGG PLANT. **IMPROVED NEW YORK LARGE PURPLE.**—*Vaughan's Special Selection.* Very large, smooth and of fine dark color. Ours is the spineless plant, most preferred by our market gardeners, both east and west. We make the most careful selection possible of our stock plants, and know them to be unsurpassed for the market. **Lb., \$4.50; ¼ lb., \$1.25; oz., 35c.; ½ oz., 20c.; pkt., 10c.**

WHITE PEARL.—The fruit is pure creamy white, with a very light shading of green near the stem; is of beautiful shape, as large or larger than the purple; is of fine grain, of a superior delicate flavor and cooks well whether boiled, baked or fried. **2 oz., 45c.; oz., 25c.; ½ oz., 15c.; pkt., 10c.**

BLACK PEKIN.—Fruit round, almost black, flesh white; very solid; fine grained and delicious; very early and almost as large as the later sorts. **Lb., \$2.50; ¼ lb., 70c.; oz., 25c.; ½ oz., 15c.; pkt., 5c.**

VERY EARLY DWARF PURPLE.—Earliest of all. It resembles the New York Improved in shape and color; is smaller and earlier. **Lb., \$2.00; ¼ lb., 60c.; 2 oz., 35c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.**

ENDIVE. *Endivien Salat—Chicoree Endive.* One of the most refreshing and attractive of all autumn and winter salads. Sow seed from the middle of June until the end of August.

STAGHORN.—This is the best Endive for early, as it does not go to seed if planted in the hot bed and transplanted out of doors, which fact gives it an advantage of early growth and brings it into the first early market, where it is bound to be a "money maker." It has sold at from 25c. to 30c. per dozen in the Chicago market. **Pkt., 5c.; ½ oz., 10c.; oz., 15c.; ¼ lb., 35c.; lb., \$1.10.**

GREEN CURLED.—A fine market sort. **Lb., \$1.10; ¼ lb., 35c.; oz., 10c.; pkt., 5c.**

MOSS CURLED.—Tender, fine quality. **Lb., \$1.10; ¼ lb., 35c.; 2 oz., 15c.; oz., 10c.; pkt., 5c.**

BROAD LEAVED.—Leaves large, broad, slightly curled. **Lb., \$1.10; ¼ lb., 35c.; oz., 15c.; pkt., 5c.**

EVER WHITE CURLED.—Very crisp and tender. **Lb., \$1.40; ¼ lb., 40c.; oz., 15c.; pkt., 5c.**

GARLIC. *Knoblauch—Ail.* **SELECTED BAVARIAN.**—This is a particularly fine strain of Garlic. It originally came from Wurzburg, Bavaria, and has been grown in an old German settlement of Illinois for a number of years. It is larger and more even than ordinary Garlic, keeps much longer without shriveling and is of snowy whiteness. **Lb., 25c.; 3 lbs., 65c.; 5 lbs., \$1.00; 10 lbs., \$1.85; 100 lbs., \$16.00.** If by mail add 10c. per lb. for postage. **ORDINARY GARLIC.**—Write for prices.

HORSE RADISH. *Meervettig—Raifort sauvage.* If to go by mail, add 10c. per 100 for postage. **HORSE RADISH SETS.**—(small roots). 500 for \$3.00, by express; by mail postpaid, 100 for 85c.; doz., 20c. Write for special low prices by the thousand.

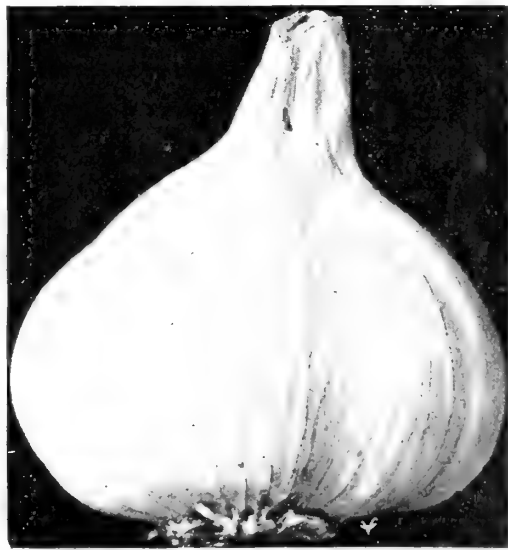
KOHLRABI. **SHORTTOP EARLY ERFURT.**—Excellent for forcing in open ground; flesh white and very tender, leaves very short. **Lb., \$2.20; ¼ lb., 60c.; 2 oz., 40c.; oz., 29c.; ½ oz., 12c.; pkt., 5c.**

EARLY WHITE VIENNA.—White, tender. **Lb., \$2.20; ¼ lb., 60c.; oz., 40c.; ½ oz., 20c.; pkt., 5c.**

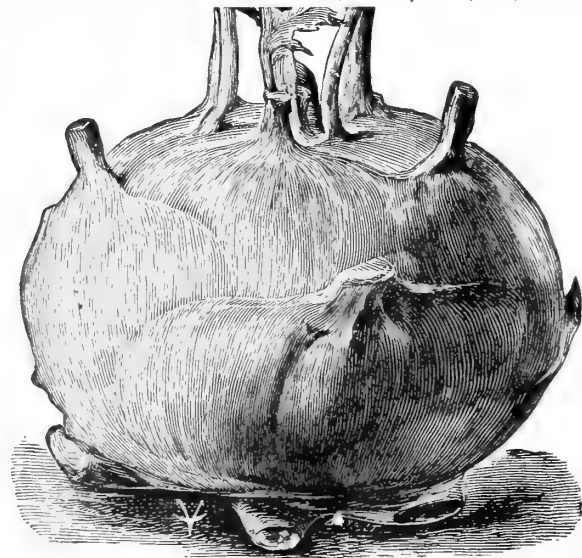
EARLY PURPLE VIENNA.—¼ lb., 60c.; oz., 20c.; pkt., 5c.

PURPLE GOLIATH.—An extra large variety, used extensively for feeding cattle and sheep in winter, and an excellent vegetable for table before fully matured. **Lb., \$2.60; ¼ lb., 70c.; oz., 25c.; pkt., 5c.**

WHITE GOLIATH.—Like above, but white; grows to enormous size. **Pkt., 5c.; oz., 25c.; ¼ lb., 70c.; lb., \$2.60.**



BAVARIAN SELECTED GARLIC.

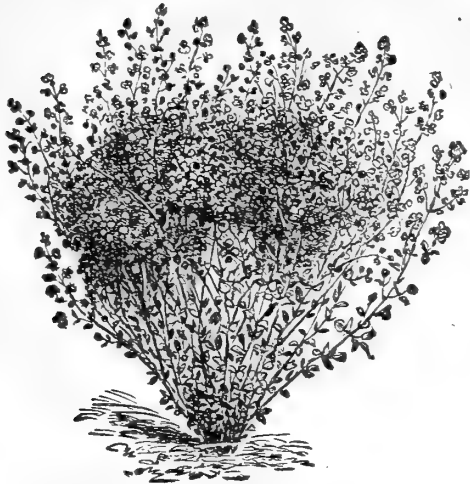


SHORT-LEAVED EARLY ERFURT KOHLRABI.

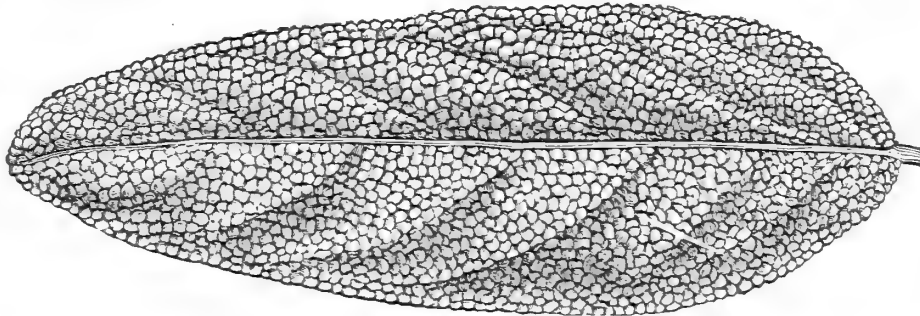
King of the...

A PAGE OF SWEET POT AND MEDICINAL

HERBS



SWEET MARJORAM—MAJORAN—MARJOLAINE.



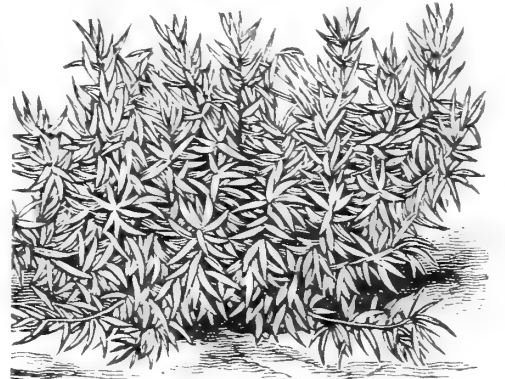
HOLT'S MAMMOTH SAGE (PLANTS ONLY).

leaf of natural size; they are borne well above the ground, are strong in flavor, of unusual substance and of superior quality. It does not seed. Price each, 15c.; 3 for 25c.; 7 for 50c.; 15 plants for \$1.00; by mail, postpaid.

FOR flavoring soups, meats, etc., a few pot and sweet herbs are necessary for every garden. If they are to be used during the winter, the stalks should be cut on a dry day, when not quite in full bloom. They should then be dried quickly in the shade, and when dry be packed closely in boxes with the air entirely excluded.

Varieties preceded by an * are perennials.

	Pkt.	Oz.
ANISE.—Used for garnishing, seasoning and for cordials. Lb., 80c....	.05	\$.10
*BALM.—Used for making Balm wine and tea.....	.05	.20
BASIL, Sweet.—The leaves are used for flavoring soups, stews and highly seasoned dishes. Lb., \$1.35	.05	.15
BENE.—The leaves immersed in a tumbler of water make a drink very beneficial in cases of dysentery.....	.05	.15
BOHNENKRAUT.—See Summer Savory.		
BORAGE.—Flowers excellent for bees. Leaves used in salads. The flower spikes can be used in cooling drinks. ¼ lb., 40c.....	.05	.15
*CARAWAY.—Seeds are used for flavoring bread, pastry, meats, etc. ¼ lb., 20c; lb., 60c.....	.05	.10
CATNIP or Catmint.—Grown for bee pasture. The leaves and young shoots are used for seasoning.....	.10	.40
*CHIVES.—Used for seasoning. Plants, per clump, 10c; doz. \$1.00. By mail, add 5c per clump for postage. Seed, ½ oz., 40c.....	.10	.80
CORIANDER.—The seeds are used for flavoring. ¼ lb., 15c.; lb., 45c.	.05	.10
DILL.—Leaves are used in pickles and for flavoring soups and sauces. ¼ lb., 15c.; lb., 60c.....	.05	.10
*FENNEL.—The leaves boiled are used in fish sauces, and are beautiful for garnishing. The seeds are used for flavoring. ¼ lb., 25c....	.05	.10
*HENBANE.—The growing plants are supposed to absorb malaria.....	.05	.15
*HOP SEED.—.....	.15	
*HOREHOUND.—The leaves are used for flavoring, and also in the manufacture of cough remedies....	.05	.15
HYSSOP.—The tops and flowers are used for Hyssop tea.....	.05	.15
*LAVENDER.—The leaves are sometimes used for seasoning, but the plant is chiefly grown for its flowers which are used in the making of perfumes. Lb., \$1.50; plants, each, 15c.; doz., \$1.50.....	.05	.15
MARJORAM, Sweet.—The leaves and the ends of the shoots are used for flavoring in summer and they are also dried for winter use. ¼ lb., 45c.; lb., \$1.25.....	.05	.15



*TARRAGON. (*Artemisia dracunculus*.) The leaves, either dried, fresh, or steeped in vinegar, are highly esteemed for seasoning and are called for in first class receipts. Once established, they will continue to produce for a long time. Price of plants 15c. each; 2 for 25c.; 5 for 50c.; 12 for \$1.00, postpaid.
RUSSIAN TARRAGON.—Seed.—Not as fine flavored as the German. Pkt., 10c.

	Pkt.	Oz.
*PENNYROYAL.—Leaves are used for seasoning puddings and various dishes.....	.10	
PEPPERMINT.—The leaves and stems are used for flavoring, but particularly for the distillation of the essence of peppermint, 25 seeds, 10c.; 100 seeds, 30c....		
PIMPINELLA.—The young tender leaves are used as salad; they have a flavor resembling that of cucumbers.....	.05	.15
*ROSEMARY.—The leaves are used for seasoning.....	.05	.25
*RUE.—For medical purposes; good for fowls for the croup.....	.05	.15
SAFFRON.—Used for coloring certain dishes, also for flavoring. ¼ lb., 30c.....	.05	.10
SAGE.—Leaves and tops are used for seasoning and stuffing. Lb., \$1.25	.05	.15
SUMMER SAVORY.—The leaves and young shoots are used for flavoring, especially for boiled string beans. ¼ lb., 20c.; 1 lb. 70c.	.05	.10
TAGETES LUCIDA.—This possesses in its green parts almost exactly the true Tarragon flavor; of easiest culture. ½ oz., 15c....	.05	
THYME.—Used for seasoning; a tea is also made for nervous headache. ½ oz., 15c; lb., \$2.40....	.05	.20
*Winter Savory.—A perennial for seasoning.....	.05	.20
*Wormwood.—Beneficial for poultry; should be planted in poultry yards. ¼ lb., 60c.; lb., \$2.20	.05	.20



SUMMER SAVORY-BOHNENKRAUT-SARRIETTE



LAVENDER—LAVENDEL—LAVANDE.

BORECOLE OR KALE.

DWARF GREEN CURLED KALE.

Vaughan's Extra Selected Stock.

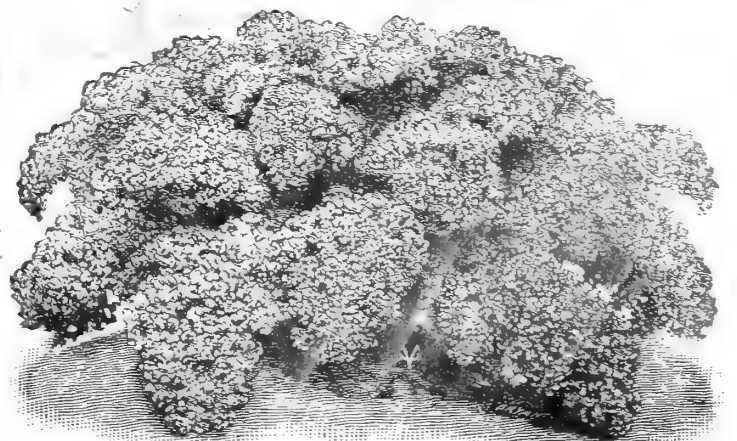
This is hardier than Cabbage, and makes excellent greens for Winter and Spring use. The leaves are as curly as Parsley, are tender and of very fine flavor and are improved by frost. Sow the seed in May or June, transplant in July and treat same as Cabbage. Immense quantities of this are grown in the South and shipped to Northern markets. We have an excellent strain of it.

Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

TALL GREEN CURLED.—Fine curled. Lb., 70c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

SEA KALE.—¼ lb., \$1.00; oz., 30c.; pkt., 5c.

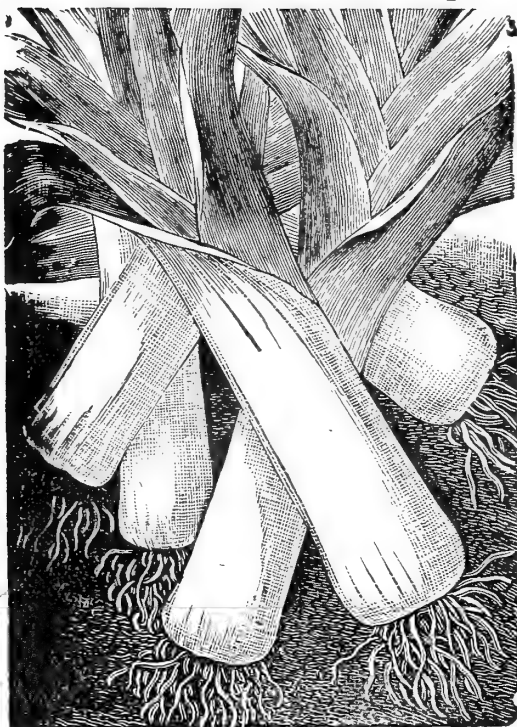
SIBERIAN.—Sometimes called "Sprouts" and "German Greens." Not so curly as the Dwarf Green Kale. The plant is low, but spreading and very hardy. Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.



DWARF GREEN CURLED KALE.

Vaughan's Extra Selected Stock

CULTURE. See "Vaughan's Vegetable Garden" a copy of which is free to buyers of Vaughan's Seeds. Ask for it.



LEEK.

Lauch—Porree.

LONG MEZIERES WINTER.

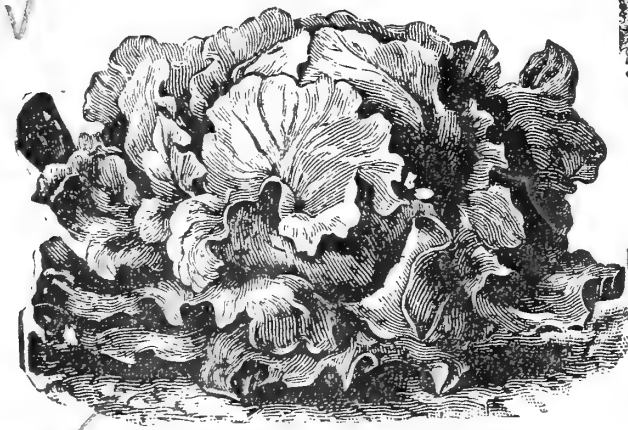
This new variety excels all the Leeks grown. It has broad, vigorous, erect leaves and a long, good sized stem of snow white color and excellent flavor. It is very hardy, may be recommended as one of the best sorts for the market. Pkt., 10c; ½ oz., 15c; 1 oz., 20c; 2 ozs., 35c; ¼ lb., 50c; 1 lb., \$1.50.

BROAD SCOTCH OR LONDON FLAG. Hardy. A large strong plant, with broad leaves. Lb., \$1.10; ¼ lb., 30c; oz., 10c; pkt., 5c.

LARGE MUSSELBURGH. Enormous size, leaves large and broad, mild, pleasant flavor. Lb., \$1.10; ¼ lb., 30c; oz., 10c; pkt., 5c.

ROUEN, Very Large Winter. Large and excellent, enormous in size, best of all. Lb., \$1.35; ¼ lb., 40c; oz., 15c; ½ oz., 10c; pkt., 5c.

BULGARIAN LEEK. See Novelties.



THE NEW "MORSE."

A careful selection from the Black Seeded Simpson by a seed grower of large experience. Very desirable for growing under glass or out of doors; style of growth resembles the Grand Rapids; leaves beautifully wrinkled and of brilliant green color. One of the best for Spring and Summer use. Quality the very best. Lb., \$1.25; ¼ lb., 35c; 2 oz., 25c; oz., 15c; pkt., 5c.

VAUGHAN'S "ALL SEASONS."

Without doubt this is one of the best of the All Head Lettuces. It forms a handsome, very large solid head, almost as large as a Flat Dutch Cabbage. The leaves are a beautiful light green and the inner ones are very tender and crisp. It goes to seed very slowly and is an excellent and profitable sort for the market gardener or for the home garden for early or late sowing. Pkt., 10c; oz., 15c; ¼ lb., 45c; 1 lb., \$1.60.

CALIFORNIA CREAM BUTTER.

This is one of the best of the Summer varieties of Head Lettuce. The heads are of good size and are so very solid they often have to be cut before the seed stalk can appear. They are crisp, have a rich, buttery flavor and are an ornament to the table.

Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., \$1.00.

LETTUCE

Our Lettuce seed is specially grown for us by the most careful seed grower in California and is therefore much superior to the Lettuce seed usually sold.

Curled or Loose Leaved Sorts

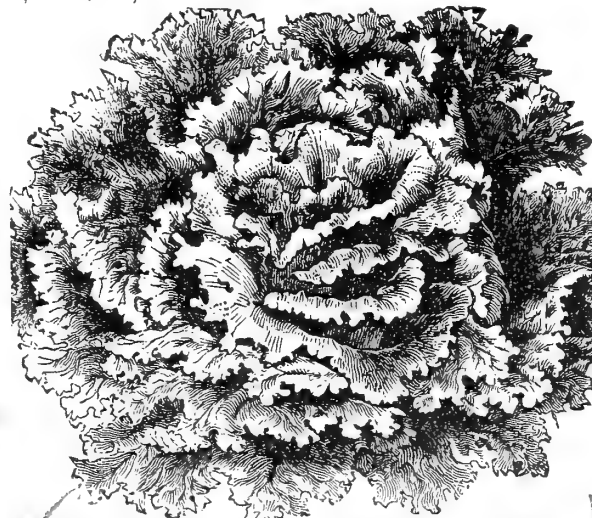
BLACK SEEDED SIMPSON.

Vaughan's Selected Stock.

This is by far the most popular sort among the Chicago gardeners. It forms large, loose leaves of ideal color; the leaves are large, thin, very tender, and of very good quality. It is one of the best sorts for use under glass as well as for early outdoor planting. Our seed of this has been most carefully selected, and we sell large quantities to market gardeners. Lb., \$1.25; ¼ lb., 35c; 2 oz., 25c; oz., 15c; pkt., 5c.

EARLY PRIZE HEAD. This popular variety produces large, loose heads of finely crimped and fringed leaves, the outer portions of which are shaded with brown. Exceedingly crisp, sweet and tender. One of the best for the home garden. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., \$1.00.

TILTON'S WHITE STAR. A distinct sort of the Black Seeded Simpson type, but grows larger and more rapidly, and its leaves are broader, thicker, darker and less frilled at the edge. It forms a large loose head, blanches well, and is of excellent quality. The plants remain long in condition for use before running to seed. Pkt., 5c; oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., \$1.25.



GRAND RAPIDS FORCING.

VAUGHAN'S SELECTED STOCK.

This grand forcing variety stands more neglect in the way of watering and ventilation, will grow more weight on the same ground, and stand longer after maturity than the Black Seeded Simpson. It is of handsome appearance, a strong grower, and not apt to rot, and will keep from wilting longer while exposed for sale than any other. Its upright habit admits of very close planting. A quick grower.

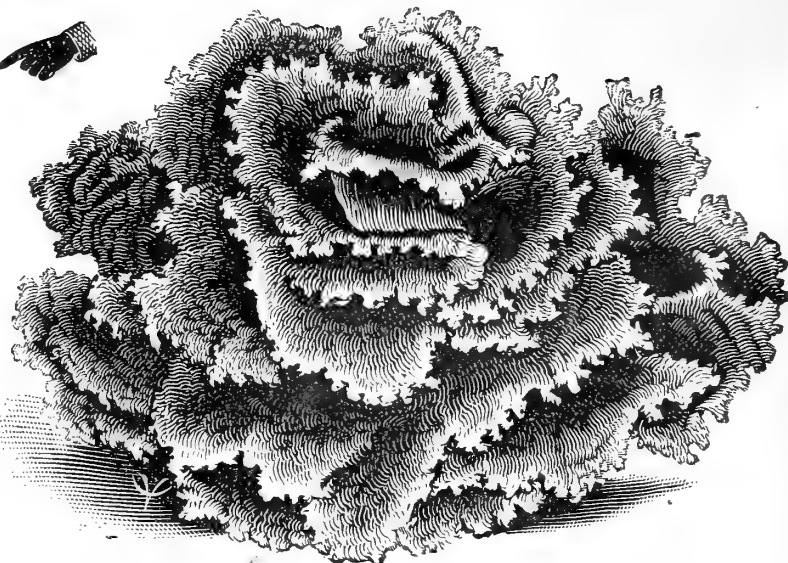
VAUGHAN'S EXTRA SELECTED STOCK.—5 lbs., \$5.50; 1 lb., \$1.25; ¼ lb., 40c; 2 oz., 25c; oz., 15c; pkt., 5c.

ORDINARY STOCK. 5 lbs., 3.25; 1 lb., 85c; ¼ lb., 25c; 2 oz., 15c; oz., 10c; pkt., 5c.

CABBAGE OR HEADING SORTS.



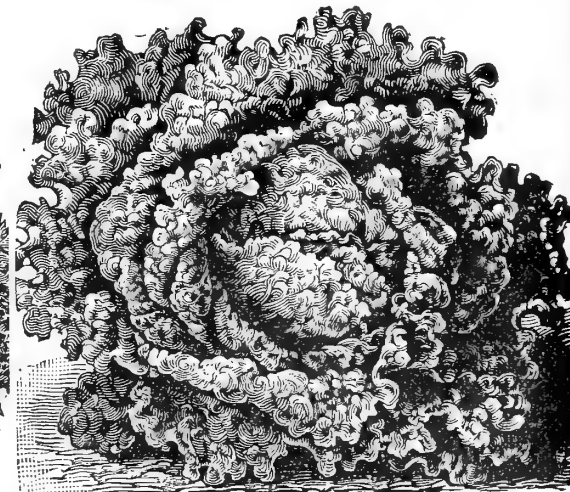
Two Ounces of Seed to 100 yards of Row; 4 pounds to the Acre. 40 to 50 Days from Seeding to Maturity.



BLACK SEEDED SIMPSON, VAUGHAN'S SELECTED STOCK.

EARLY CURLED SILESIA. The old favorite; of dwarf, compact habit and quick growth, crisp golden leaves with finely curled edges. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., \$1.00.

EARLY CURLED SIMPSON. (White seeded.) One of the best of the "Leaf" Lettuces. Lb., \$1.00; ¼ lb., 30c; 2 oz., 15c; oz., 10c; pkt., 5c.



DENVER MARKET FORCING.

An early variety of Head Lettuce, either for forcing or open ground. It forms large heads, of good light green color, and is very slow to go to seed. The leaves are beautifully marked and blistered (like the Savoy Cabbage), very crisp and tender, and of excellent flavor. Lb., \$1.00; ¼ lb., 30c; oz., 10c; pkt., 5c.

We advise the planting of **TARRAGON** (*Esdragon*) in every garden. It possesses a very delicate aromatic flavor which makes it highly appreciated for seasoning salads or for making Tarragon vinegar. It is a hardy perennial plant which survives our Winters with a little protection. Three plants are enough for a small garden. Price, each, 15c; 3 for 35c; 12 for \$1.00.

"MAXIMUM."

A wonderfully heat-resisting new Lettuce, remaining a long time, even in the hottest weather, without going to seed. It is green outside and yellow in the center. It is one of the largest and most solid of head Lettuces and its quality is of the best.

Pkt., 5c; ½ oz., 10c; oz., 15c; 2 ozs., 25c; ¼ lb., 30c; 1 lb., \$1.00.

NEW FORCING HEAD LETTUCE

"MILLY."

Makes a large, firm head in remarkably quick time and has splendid keeping qualities. It is the best head Lettuce for forcing under glass, as it grows to larger size than any other variety. It succeeds very well as a Spring Lettuce and also as a Summer one. Pkt., 10c; ½ oz., 15c; oz., 25c; ¼ lb., 75c; 1 lb., \$2.50.

A detailed black and white woodcut illustration of a large, dense, rounded bush or tree. The foliage is composed of many small, light-colored, possibly white, flowers or leaves, creating a textured, almost cloud-like appearance. The central mass is rounded and full, with some darker, more defined leaves visible at the base and within the folds of the main mass. The background is dark and textured, suggesting a forest floor or a rocky outcrop. The style is characteristic of 19th-century book illustrations, with fine lines and cross-hatching used for shading and texture.

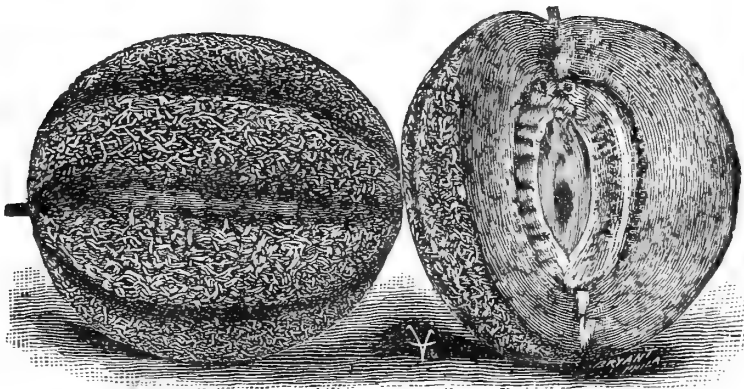
Rocky Ford Muskmelon

A detailed black and white engraving of a large, multi-petaled flower, likely a peony, shown in full bloom. The petals are layered and ruffled, with fine lines indicating texture and shading. The flower is set against a dark, textured background.

MANGO MELON OR VEGETABLE PEACH. Of golden yellow color, resembling an orange in shape and size, the flesh is snow white. They make splendid mangoes, stuffed with Cabbage, like Peppers. For sweet pickles, pies and preserving they have no equal. Full directions for cooking on each package. Large pkt., 10c.; 3 pkts., for 25c.

Musk Melon

SPECIAL PRICES
ON 5, 10 AND 20
LB. LOTS.



VAUGHAN'S ORIGINAL OSAGE MUSK MELON.

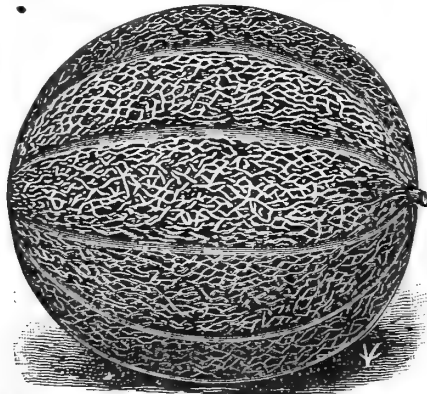
VAUGHAN'S ORIGINAL OSAGE.

VERY SCARCE THIS YEAR. Having first introduced this now famous melon, we have taken pride in maintaining its quality and the carefully selected type originally sent out, paying ten times the ordinary seed growing prices for especial care in saving the seed which we offer of this. There is little description needed. This distinct, large, salmon-fleshed, high-quality table melon is well known the country over under its own name, and becomes more and more so each year. It is liked everywhere, and the past season has seen an increased sale of and demand for this melon from the best restaurants and hotels in Chicago, where melon buyers are most critical. Our strain is dark skinned and but moderately netted. The flesh is of peculiar orange color, rich, extra thick and of highest flavor.

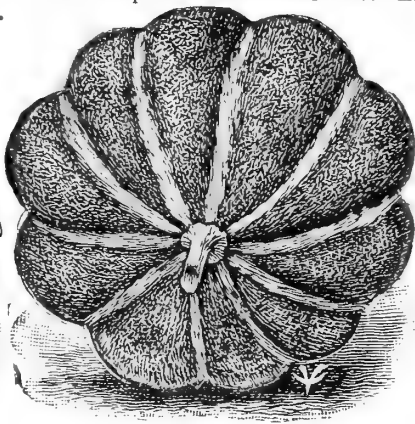
Price, regular stock, lb., \$1.25; ¼ lb., 40c.; 2 ozs., 25c.; oz., 15c.; pkt., 5c. Vaughan's Selected Stock Seed, lb., \$2.60; ¼ lb., 75c.; 2 ozs., 45c.; oz., 25c.; ½ oz., 15c.; pkt., 10c.

HUDSON, WIS.:—I found your stock of Osage Musk Melon, "Selected Stock Seeds," the most uniform in size, thickness of meat and excellent flavor. I have had Osage Melon seed from various sources, but none came anywhere near your "Selected Stock."
B. L. GRANT.

SPECIAL SHIPPING OSAGE. We have this year a small quantity of a special strain of this melon, slightly more netted than original type, that has been selected particularly as a shipping melon. While it retains all the good points of the original, the prices are a little high, but the additional cost of selection compelled us to make it so. Lb., \$1.80; ¼ lb., 50c.; oz., 20c.; pkt., 10c.



CHAMPION MARKET.



EMERALD GEM.

EMERALD GEM. Color, dark green; flesh, thick and of a delicate salmon color. For table quality it ranks very high; it is one of the sweetest Melons grown, and especially suited to the home garden. This is one of the shortest items this year. Lb., \$1.60; ¼ lb., 45c.; 2 oz., 25c.; 1 oz., 15c.; pkt., 5c.

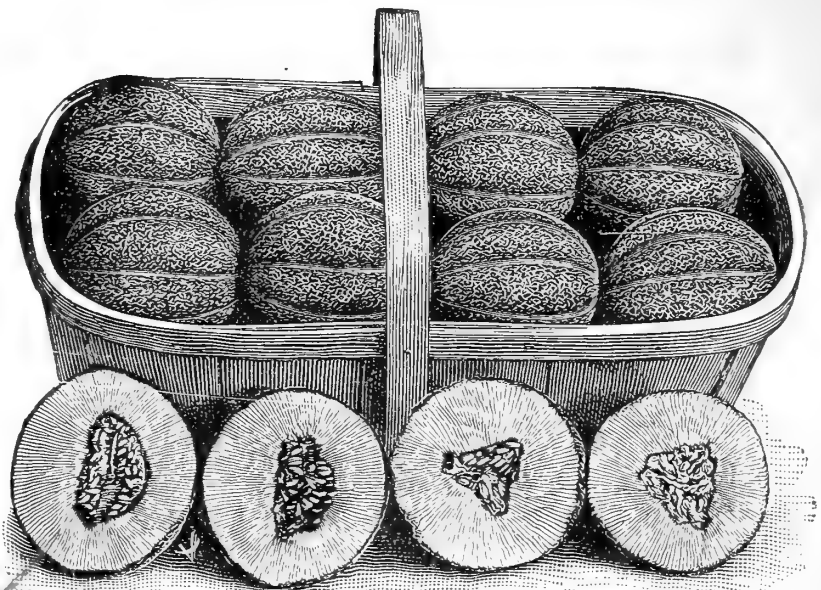
CHAMPION MARKET. The flesh is thick, light green in color, and of very rich, sweet flavor. It is as early as the Netted Gem, which it resembles in shape and appearance, but is fully three times larger; very prolific and a good shipper. Lb., \$1.60; ¼ lb., 45c.; 2 oz., 25c.; oz., 15c.; pkt., 5c.

VAUGHAN'S CHICAGO MARKET. This we consider the best Nutmeg for earliness of maturity, large and uniform size, thickly netted skin, small seed cavity, deep green flesh, juicy delicious flavor and freedom from rot. A favorite with all who prefer a green-flesh sort. Lb., 80c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

JENNY LIND. Vaughan's Selected Stock. This Melon is unexcelled in eating qualities. The rind is thicker on the ends than in the old variety, so that it does not "break down" easily in shipping, and yet it retains the flattened ends which by many is considered as giving good appearance and also permits compact placing in baskets or crates. No one will go wrong in planting a part of his crop with this highly improved strain of True Jenny Lind. Lb., 85c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

TIP TOP. Selected Stock. A Melon we recommend to every lover of this luscious fruit and to every gardener who grows for the market. It is a yellow fleshed Melon of the very best quality; every Melon produced, big or little, early or late in the season, is a good one. They are sweet, juicy, of finest flavor, eatable to the very rind. It is a strong grower and a heavy yielder, and of handsome appearance. Very scarce this year. Lb., \$1.50; ¼ lb., 45c.; 2 oz., 25c.; oz., 15c.; pkt., 10c.

LANDRETH'S EARLY CITRON. The largest of the very early Canteloupes; form half-flat, fairly webbed; flesh green. The merit of this sort consists of its extra early habit. A variety which, for its early maturity, will be found profitable by all market gardeners. Lb., 80c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.



VAUGHAN'S PAUL ROSE, OR PETOSKEY.

The best and most uniformly high quality table Melon introduced in ten years. Every new hybrid melon like this to be improved must be watched. The Melons saved for seed must be selected for the same high qualities, exact netting, color and shape as made when originating it. Therefore Mr. Paul Rose raises our Melon crop for seed each year from a few pounds of specially selected seed for this purpose, and when saving seed out of the crop he continues the most careful selection on the exact lines which he originally followed. No other seeds of Paul Rose Melon can equal this selection in quality, appearance and evenness of type, because they have not the same knowledge or painstaking interest in perfecting the type. We say again, for Paul Rose Melon Seed come to headquarters. It will pay you. "This is a cross of the Osage with the Netted Gem, and combines the sweetness of the former with the fine netting of the Gem. It has also the firmness of meat and cheesy structure peculiar to the best specimens of the Osage. In this respect it is superior to any Melon in existence, because of this thick, solid flesh, free from stringiness, which does not become watery or 'break down' in keeping, retaining its form twice as long as any other shipping Melon. It is perfection as a basket Melon for the shipping trade. Market gardeners have always made money out of its sales. Ripens about ten days earlier than the Osage. The average length is 5 inches; the average weight is 1½ lbs. Flesh reddish salmon, outside green, netted like Gem."

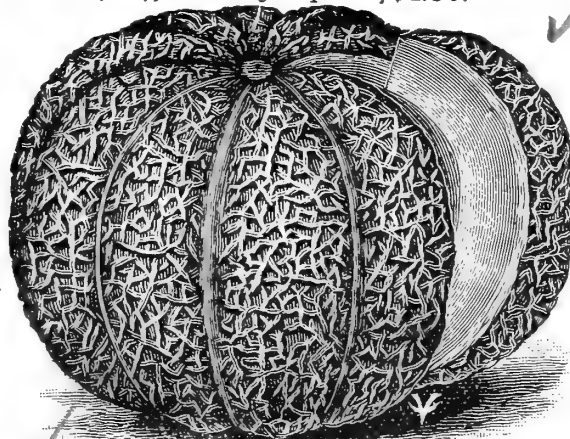
Price: Originator's Selected Stock Seed (Northern Michigan grown), per lb., \$1.50; ¼ lb., 45c.; 2 oz., 25c.; oz., 15c.; pkt., 10c. Vaughan's Regular Stock, per lb., 90c.; ¼ lb., 30c.; 2 ozs., 20c.; oz., 15c.; pkt., 5c.; 5 lbs. by express, \$4.00.

EXTRA EARLY

HACKENSACK.

This is a selection of the old Hackensack, which it resembles but it is fully 10 days earlier. The Melons weigh from 4 to 10 lbs. and are of excellent flavor. Those who grow for market should remember that it is one of the best, as well as the earliest, hardest and most prolific of Netted Musk Melons. Lb., \$1.25; ¼ lb., 40c.; 2 ozs., 25c.; oz., 15c.; pkt., 5c.

HACKENSACK. Lb., \$1.00; ¼ lb., 30c.; 2 ozs., 15c.; oz., 10c.; pkt., 5c.



EXTRA EARLY HACKENSACK.

THE SYRACUSE.

We found this fine Melon in the Syracuse markets, where it has been under control of an expert market gardener for several seasons. It is very large, weighing 6 to 9 pounds and larger, mostly oval shape, well netted, giving it a grayish green appearance. In form it is somewhat egg shaped, being rather pointed at the slim end. It is not only large but very heavy, its bright green flesh being often three inches in thickness. It has a sweet, delicious flavor, which is generally found in Musk Melons of this high green color. Mr. Coy, the western melon grower, writes: "We think favorably of this new sort. Would call it a good shipper, very attractive in appearance and of superior quality." We recommend this melon to experienced melon growers who are looking for a fine variety for the local market where delivery is made by wagons. There is no better new melon of this class. Pkt., 10c.; oz., 15c.; 2 ozs., 25c.; ¼ lb., 40c.; lb., \$1.50.

MONTREAL MARKET. Pkt., 5c.; oz., 15c.; 2 oz., 25c.; ¼ lb., 45c.; lb., \$1.60, postpaid. (This is very scarce this year.)

OTHER STANDARD MUSK MELONS.

Lb., \$1.00; ¼ lb., 30c.; 2 ozs., 15c.; oz., 10c.; pkt., 5c., postpaid.
Banana. Early Nutmeg. Shumway's Giant.
The New Ideal. Extra Early Nutmeg. Bay View, or Sweet Home.
NOTE.—If you keep poultry ask for our Poultry Supply Catalogue.

SEEDS ARE DIFFERENT from other merchandise. The real value of Seeds can only be known after months of labor. Buy your seeds of a reliable seed house with a reputation back of it. Seeds of real merit must be grown and sold by practical, trained seedsmen, with a reputation made and to be maintained. **DON'T BE MISLED** by cheap melon prices, this year in particular—it may be very dear in the long run.

WATER MELON



VAUGHAN'S BLACK DIAMOND.

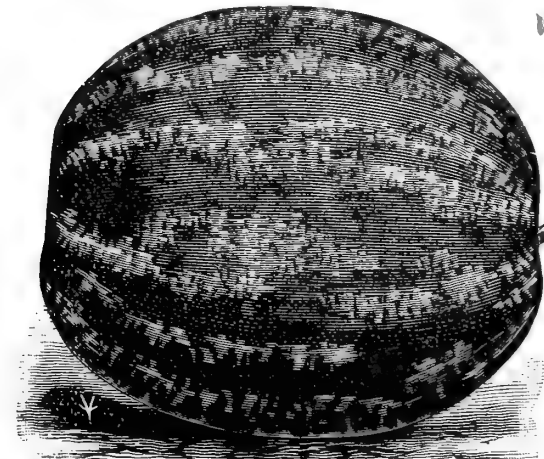
A cross between Kolb's Gem and Hoosier King. All that could be said of the Kolb's Gem as to good shipping qualities can be truthfully stated in a higher degree of the *Black Diamond*. All the praise of high quality bestowed on the Sweetheart can be repeated of our new Melon, but its prominent point of merit is its **extreme size**—no melon ever yet produced anything like so uniformly large fruit, nor approached it in **productiveness**. Melons weighing from **75 to 90 pounds** are frequent. It is the **most prolific water melon ever planted**. Its color is a rich, dark green, almost black. Its symmetrical shape, roundish to bluntly oval, is uniform throughout the field. The habit of the vine is extremely vigorous.

Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 65c.; by express, 5 lbs., \$2.50.



KLECKLEY'S SWEET. Large oblong Melon, 20 inches in length, by 10 to 12 inches in diameter. The skin is dark green, flesh bright scarlet, the rind only about one-half inch in thickness. The scarlet flesh is sweet and sugary and is of such texture that it leaves no strings of pulp whatever in eating. The Melon is better for home use than for shipping, and we believe it is the **best table Melon to-day**. Monte Cristo is very much like it.

Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 80c.; by express, lb., 70c.; 5 lbs., \$3.25.



COLE'S EARLY.

COLE'S EARLY. This is the best early Melon for the home market. For sweetness and delicious texture of flesh it has no superior. The rind is thin, but brittle; for the home we know of none better. Extreme earliness is another point in its favor.

Lb., 70c.; $\frac{1}{4}$ lb., 20c.; oz., 10c.; pkt., 5c.; by express, lb., 60c.; 5 lbs., \$2.65; 10 lbs., \$5.00.

SPECIAL PRICES

We carry large stocks of Water Melon Seeds and will name special prices on 10, 20, 50 or 100 lb. lots.

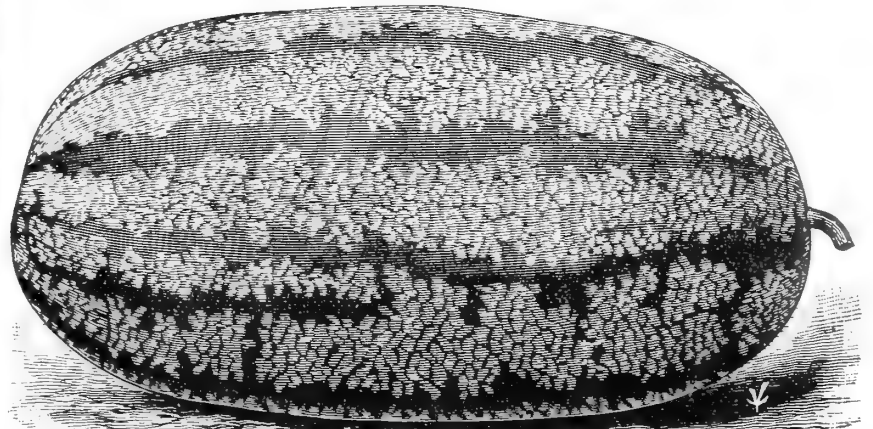
JONES JUMBO. This shape is round, color green, with faint lightish stripes; the meat is deep red and of excellent flavor. As a market melon it sells rapidly and for high prices. Lb., 60c.; $\frac{1}{4}$ lb., 20c.; oz., 10c.; pkt., 5c.; 5 lbs., by express, \$2.00.

EARLY FORDHOOK. *Extra early.* The form is nearly round. The average weight of the melons is about *thirty-five pounds each*. The rind is tough, making it a valuable variety for shipping; the outer color is a uniform medium green; seeds white. Lb., 75c.; $\frac{1}{4}$ lb., 25c.; oz., 10c.; pkt., 5c.; 5 lbs., by express, \$3.00.

THE DIXIE.—One of the best shipping melons grown. Darker than Kolb's Gem, and more beautifully striped; unexcelled for eating. Lb., 60c.; $\frac{1}{4}$ lb., 15c.; oz., 10c.; pkt., 5c.; by express in 5 and 10 lb. lots, 45c. lb.

TRUE ICE CREAM.—The great home-market Melon. It has too thin a rind for shipping. Few, if any, surpass a *True Ice Cream* for quality and productiveness. Flesh bright scarlet, solid to center; melting and delicious. Lb., 60c.; $\frac{1}{4}$ lb., 20c.; oz., 10c.; pkt., 5c.

SEMINOLE. One of the most popular sorts grown; undoubtedly one of the best Melons. Lb., 60c.; $\frac{1}{4}$ lb., 20c.; oz., 10c.; pkt., 5c.



McIVER'S WONDERFUL SUGAR MELON

The Sweetest Melon Grown.

The melons attain a great weight, are of a very handsome appearance, *never crack* or lose their fine flavor in the wettest season. It is a very productive and hardy variety and one that will take the lead wherever known. Lb., 70c.; $\frac{1}{4}$ lb., 20c.; oz., 10c.; pkt., 5c., postpaid; by express, lb., 60c.; 5 lbs., \$2.50.

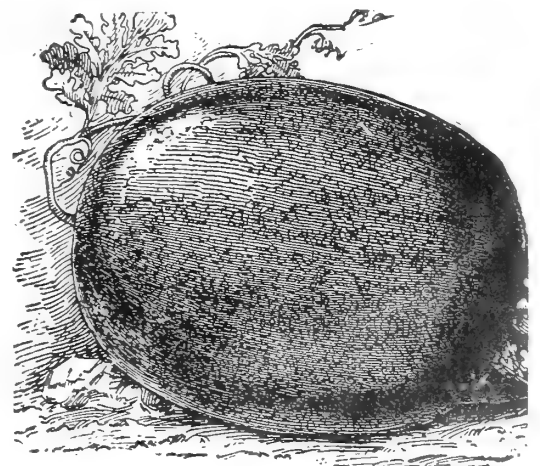
TRIUMPH.—It is a cross between Duke Jones and Kolb's Gem. It has the handsome appearance of the former and the shipping qualities of the Gem; *very early*, very prolific, deliciously sweet and of enormous size. It possesses all of the qualities that go to make up a desirable melon. Lb., 70c.; $\frac{1}{4}$ lb., 20c.; oz., 10c.; pkt., 5c., postpaid; by express, lb., 60c.; 5 lbs., \$2.75; 10 lbs., \$5.25.

IMPROVED KOLB'S GEM.—It is fully a week earlier in ripening than the ordinary Kolb's Gem, besides growing much larger and being a heavier yielder. Lb., 50c.; $\frac{1}{4}$ lb., 20c.; oz., 10c.; pkt., 5c.; by express, 1 lb., 40c.; 5 lbs., \$1.75; 10 lbs., \$3.25.

SWEETHEART.

Our strain is a grand, sweet-hearted kind for home and market use, and will hold its own in the (Watermelon patch) for many years to come. Vine vigorous and productive, ripening its fruit early; fruit large, oval, very heavy, uniformly mottled light and dark green; rind thin but firm; flesh bright red, firm and solid, but very tender, melting and sweet.

Lb., 70c.; $\frac{1}{4}$ lb., 25c.; 2 oz., 15c.; oz., 10c.; pkt., 5c.; by express, lb., 60c.; 5 lbs., \$2.75; 10 lbs., \$5.00.



SWEETHEART.

STANDARD VARIETIES, which we can supply at the uniform price of: Lb., 60c.; $\frac{1}{4}$ lb., 20c.; oz., 10c.; pkt., 5c.; prepaid. Special prices on larger lots:

Black Spanish	Cuban Queen	Dark Icing	Duke Jones
Florida Favorite	Colorado Citron	Jumbo	Long White Icing
Mountain Sweet	Phinney's Improved	Rattle Snake	Red Seeded Citron

OUR SEED is saved from melons grown exclusively for seed and by seed growers of experience, and must not be compared with seed saved from the culls—left over after the best, earliest and largest melons are sold on the market.

MARTYNIA, or Unicorn Plant.

A strong growing, hardy annual plant, with curiously shaped seed pods, which, when young and tender, are highly prized for pickling. The pods are produced in great abundance and should be gathered when less than half grown. For culture see "Vaughan's Vegetable Garden." Pkt., 10c.; ½ oz., 20c.; oz., 35c.

MUSTARD.

Mustard is not only used as a condiment, but the green leaves are used as a salad, or cut and boiled like spinach.

CHINESE, or Giant Southern Curled.

The large leaves, which often measure 14 inches, are ready for use in about six weeks after sowing. Plants will continue to yield until frosty weather. Leaves are eaten boiled, like spinach. Lb., 70c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

WHITE. Best for salad and general use. Lb., 40c.; ¼ lb., 15c.; oz., 5c.

BROWN. Stronger and more pungent than above. Price, same as white.

Nitrate of Soda vs. Farm Yard Manure.

Market gardeners are in the habit of using from 50 to 100 tons of stable manure every year. They will tell us they might as well stop gardening as stop manuring, and they will continue to use year after year such enormous quantities of manure containing no ready formed nitric acid, which is the main source of nitrogen in plants. If they receive the manure for nothing, the labor of hauling it, handling and distributing it costs more than the amount of nitric acid which it naturally yields by decomposition in the soil could be purchased for in the form of nitrate of soda, and in these market gardens the soil is so charged with carbonic acid that it excludes the oxygen and decomposition proceeds very slowly, and to produce the necessary quantity of nitric acid, more and more manure must be used. Try nitrate of soda. It acts like magic; it will pay ten times over.

HOW TO GROW Mushrooms

A Prize Paper
by D. Fraser.

"Much has been said and written in regard to the cultivation of mushrooms, but it is safe to say, that half of the people who attempt to grow them make a failure of it."

We furnish this 12 page book for 10c., or free with one dollar's worth of Mushroom Spawn, if requested with order.



CHINESE MUSTARD

MUSHROOMS.

Can be easily grown everywhere and at all seasons, by following directions given in the books offered on this page, and it is one of the most profitable crops to grow. We can always furnish fresh mushroom spawn, receiving five shipments every year from the most reliable English maker of this article.

English Mushroom Spawn. It comes in pressed bricks, weighing about 20 ounces. These are broken up into pieces the size of a walnut and put into the bed eight inches apart each way. Price per brick, 25c.; 5 lbs., \$1.00, postpaid. By express or freight, per brick, 15c.; 2 for 25c.; 10 lbs., \$1.00; 25 lbs., \$2.00; 100 lbs., \$6.50; if shipped from New York, \$6.00.

French Mushroom Spawn. Put up in boxes of 2 lbs. each. Price, per box, 75c.; if by mail, \$1.20. The same loose, per lb., 35c.; if by mail, 45c.; 10 lbs., \$3.20.

Robinson's Mushroom Culture.

A book bound in cloth, giving directions how to prepare Mushroom beds and raise Mushrooms. Postpaid, 50c.

Mushrooms, How to Grow Them.

By Wm. Falconer. The most complete book ever published in America on the cultivation of mushrooms. Per copy, \$1.00, postpaid.

OKRA, or GUMBO.

This is an annual from the West Indies, cultivated for its young seed pods, which are used in soups, or stewed and served like asparagus. It is highly esteemed in the south for making gumbo soup. The pods when young and tender may be sliced in sections and strung on a thread and hung up in the shade to cure like dried apples; in this condition they can be used for soup at any time. The ripe seeds also are parched and used instead of coffee.

White Velvet. Produces pods larger than any other. They are never prickly to the touch, always round and smooth, while in other varieties they are either ridged or square-edged. Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

Dwarf. Early and prolific. Lb., 50c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

Tall. Lb., 50c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

Vaughan's Pedigree Onion Seed

FREE We will send a copy of Market Gardening with Nitrate, a book of 38 pages, to anyone who is interested enough to ask for it.

High-grade onion bulbs have brought fair prices, they will be higher in the Spring. Poor grades have sold low. The central east had but half a crop, the northwest a good crop. Onions from Vaughan's Pedigree Seeds will sell on a dull market and will bring the best prices in any market. This seed is raised for us by reliable growers and sold as low as consistent with the quality. Cheap onion seed is the dearest.

LARGE RED WETHERSFIELD.

This is the Standard Red Variety and a favorite onion in the East, where immense crops are grown for shipment. Large; skin deep purplish-red; form round, somewhat flattened; flesh, purplish-white; moderately fine grained, and stronger flavored than any of the other kinds. Very productive, the best keeper and one of the most popular for general cultivation. It is more inclined to form large necks, if planted on unsuitable soil, than the Danvers, but it is the best variety on poor or dry soils. Lb., \$1.10; ¼ lb., 35c.; 2 ozs., 25c.; oz., 15c.; pkt., 5c., postpaid. By express, lb., \$1.00; 5 lbs., \$4.75; 10 lbs., \$9.00.

LONG-KEEPING BROWN AUSTRALIAN.

Extra Early. Is of medium size, wonderfully hard and solid and most attractive for market, both as to form and appearance. They are extremely early in ripening, and never make any stiff-necks or scalions. Every seed seems to produce a good-sized onion, and the bulb begins to form very quickly when the plant is not over three inches high. Planted

with the Red Wethersfield it proved to be nearly four weeks earlier and ripened off more uniformly. It will keep longer in good condition than any other Onion known. The color of the skin is a clear amber-brown. Lb., \$1.00; ¼ lb., 35c.; oz., 15c.; pkt., 5c., postpaid. By express, lb., 90c.; 5 lbs., \$4.00.

THE EARLY YELLOW CRACKER.

The earliest of all our yellow sorts, and is an excellent kind to raise where the seasons are short. It is the best of all the yellow onions in quality, but needs to be harvested as soon as it dies down and handled carefully. Lb., \$1.50; ¼ lb., 40c.; 2 ozs., 25c.; oz., 15c.; pkt., 5c., postpaid. By express, lb., \$1.40; 5 lbs., \$5.60.

Early Red Cracker. Like above except in color. Price same as Yellow Cracker.

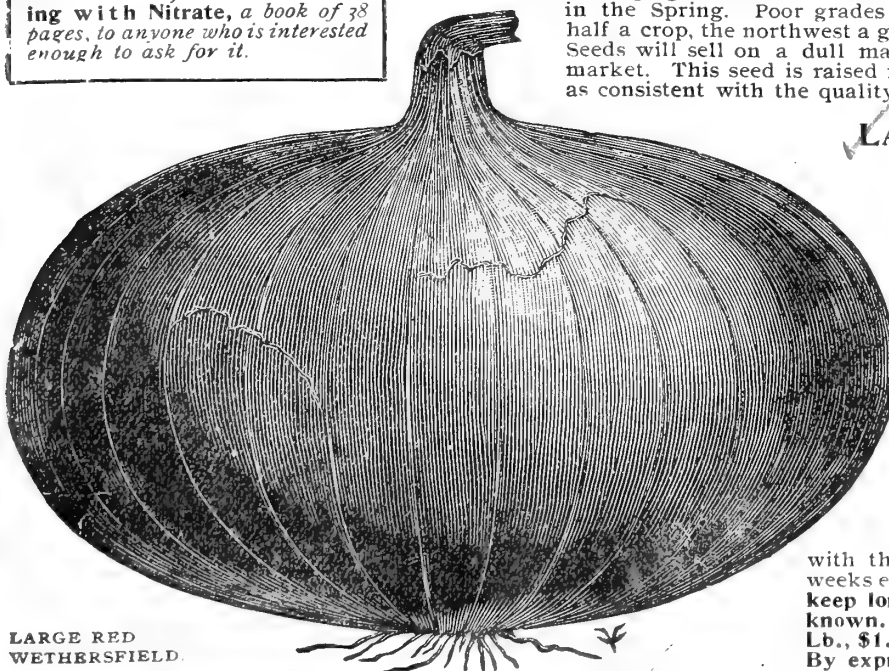
Extra Early Red. The first to ripen, and one of the handsomest of the red sorts. A medium sized flat variety; an abundant producer, and very uniform in shape and size. Lb., \$1.10; ¼ lb., 35c.; 2 ozs., 25c.; oz., 15c.; pkt., 5c.

NITRATE OF SODA, or Chili Saltpeter.

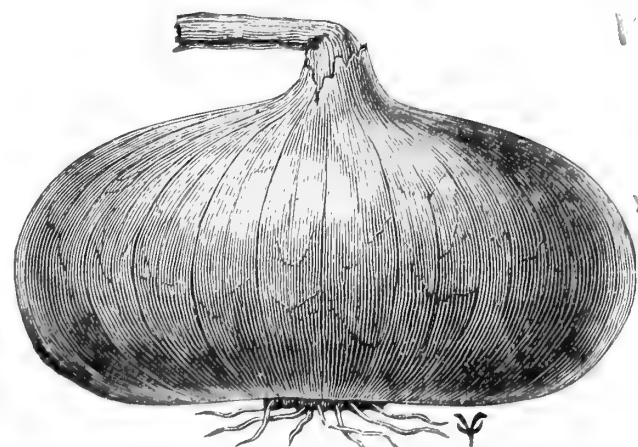
For Onions, a top dressing of from 75 to 100 lbs. two or three times at intervals of about three weeks after the crops have well started.

SEE NOVELTY PAGES FOR

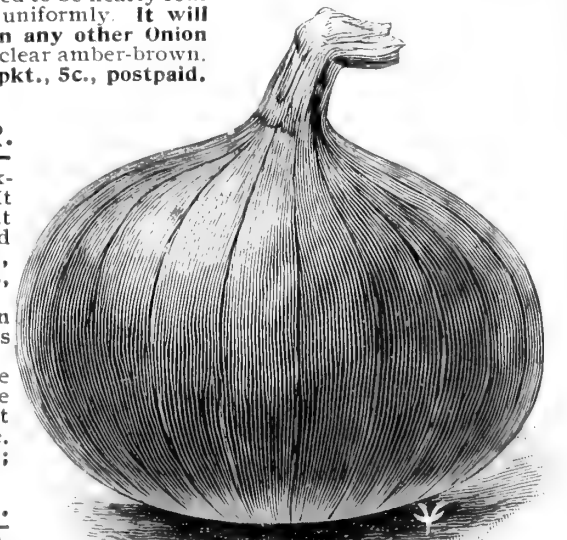
**SOUTHPORT
GLOBE ONIONS
VAUGHAN'S
SELECTED STOCK,
RED, YELLOW and WHITE.**



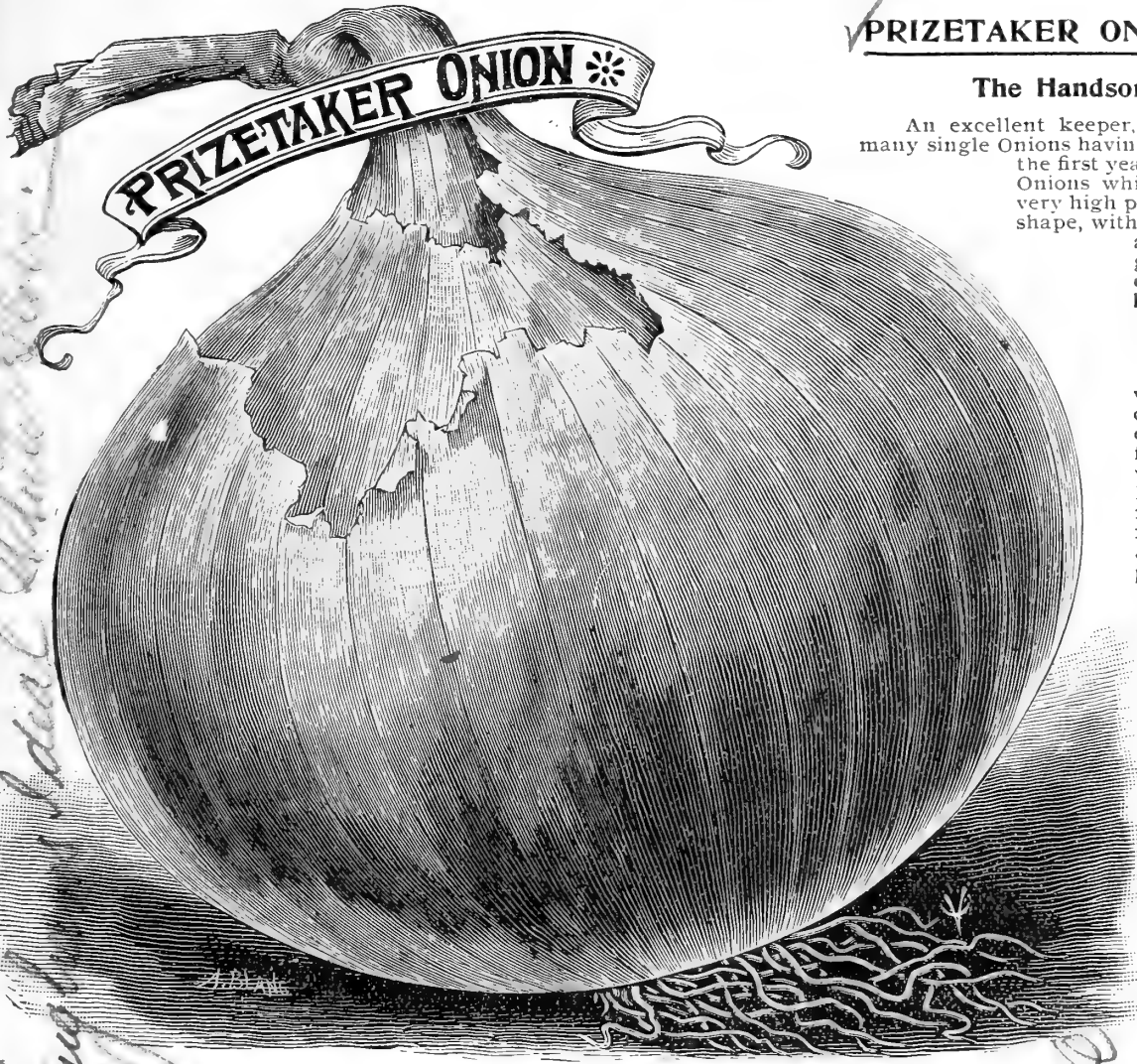
LARGE RED WETHERSFIELD.



EARLY CRACKER.



EXTRA EARLY BROWN AUSTRALIAN.



PRIZETAKER ONION—THE GENUINE.

The Handsomest, Largest Yellow Globe Onion.

An excellent keeper, of finest flavor, handsome shape and enormous size, many single Onions having been raised to weigh five pounds and over from seed the first year. It is of the same type as those immense imported Onions which can be seen in fruit stores and always command a very high price. The **Prizetaker** grows always to a perfect globe shape, with a bright straw colored skin, the necks are very small and the Onions always ripen up hard. Ours is American-grown seed. Lb., \$1.20; ¼ lb., 40c.; 2 ozs., 25c.; oz., 15c.; ½ oz., 10c.; pkt., 5c., postpaid; by express, lb., \$1.10; 5 lbs., \$5.25; 10 lbs., \$10.00.

MAMMOTH SILVER KING.

This mammoth variety is one of the largest in cultivation, averaging from 15 to 22 inches in circumference, often weighing from 2½ to 4 pounds each. It matures early and is of uniformly large size and fine shape, being flattened, but thick. The skin is of a beautiful silver-white, flesh snowy and tender, of mild, sweet flavor. Its striking size and handsome appearance, as well as mild flavor, recommend it for exhibition at fairs, for the fancy market as well as the table. Lb., \$1.75; ¼ lb., 50c.; 2 ozs., 30c.; oz., 20c.; ½ oz., 12c.; pkt., 5c., postpaid; by express, lb., \$1.80; 5 lbs., \$8.50.

OHIO YELLOW GLOBE ONION.

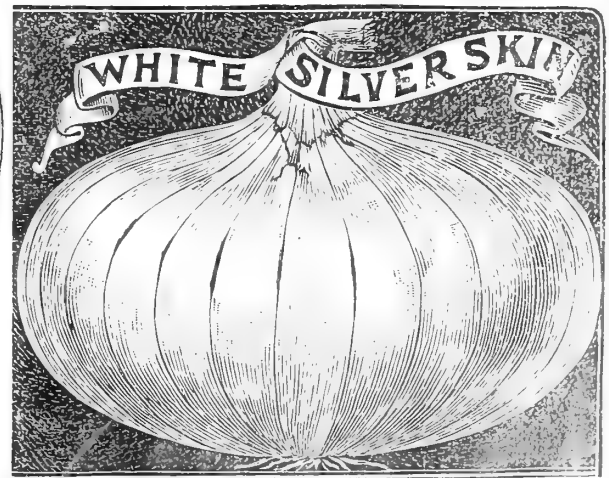
Vaughan's Selected Stock.

The finest shaped, best colored and largest cropper of any of the yellow onions, and entirely distinct from the old type Yellow Globe Danvers. This strain is grown from carefully selected bulbs, everything being rejected that does not come up to standard in shape and size. Its points of superiority over the ordinary Yellow Danvers are earliness of ripening, smallness of neck, perfect globe shape and uniformity of shape and color. It is an immense cropper and will yield more marketable onions to the acre than any other strain. This is scarce this year. Pkt., 5c.; ½ oz., 10c.; oz., 15c.; 2 ozs., 25c.; ¼ lb., 45c.; lb., \$1.45, postpaid. See Novelties for Ohio Red.

EXTRA EARLY

Australian Brown Globe Onion.

Quick to mature; a long keeper; solid and heavy; an excellent onion for shipping. The bulbs are perfectly round or globe shaped. The skin is a light brown. Their solidity gives them great weight and a bushel weighs several pounds heavier than a bushel of American varieties. An average bulb will measure three inches in diameter each way and weigh about seven ounces. The onions are thin-necked and ripen very evenly in all soils. The flesh is pure white, very solid and exceptionally mild. As the plant makes a very quick growth it matures the bulbs before the hot, dry Summer weather sets in, and this in connection with its exceptional keeping qualities makes it a most profitable variety to plant for market. The productiveness of this onion is remarkable. Pkt., 5c.; ½ oz., 10c.; 1 oz., 15c.; 2 ozs., 25c.; ¼ lb., 45c.; 1 lb., \$1.60, postpaid; by express, 1 lb., \$1.50; 5 lbs., \$7.00.



White Portugal or Silverskin. A large, flat onion of mild flavor and great beauty, its clear white skin glistening like silver. A favorite with many for use when young as a salad or bunching onion, and for pickles; it is also a good keeper and fine for Fall and early Winter use. An excellent sort for gardeners who do not plant more than one variety. Lb., \$1.65; ¼ lb., 50c.; 2 ozs., 30c.; oz., 20c.; pkt., 5c., postpaid; by express, lb., \$1.55; 5 lbs., \$7.25.

Eastern Grown Seed. Lb., \$2.25; ¼ lb., 65c.; 2 ozs., 40c.; oz., 25c.; pkt., 10c., postpaid; by express, lb., \$2.15; 5 lbs., \$10.00.

Early Red Globe } Lb., \$1.60,
Giant Brown Rocca } ¼ lb., 45c.
Giant Yellow Rocca } oz., 15c.; pkt., 5c.



If to go by freight or express deduct 8 cents from the price of single pounds.

"Fancy" Yellow Globe Danvers. The shape is uniformly round; color, a fine brown, orange yellow. The entire crop ripens down at one time and winters well. No gardener can afford to experiment with doubtful seed. Lb., \$1.20; ¼ lb., 40c.; 2 ozs., 25c.; oz., 15c.; pkt., 5c., postpaid; by express, lb., \$1.10; 5 lbs., \$5.25; 10 lbs., \$10.00.

Yellow Globe Danvers. This strain of Globe Danvers is equal to any usually sold, and may be relied upon as a first class cropper. Lb., \$1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c., postpaid; by express, lb., 90c.; 5 lbs., \$4.25; 10 lbs., \$8.25.

Yellow Danvers. A fine, productive variety of medium size; skin coppery-yellow; flesh white, comparatively mild and well flavored. Pkt., 5c.; oz., 10c.; 2 ozs., 15c.; ¼ lb., 30c.; lb., \$1.00.

Large Yellow Dutch, or Strasburg. One of the oldest sorts. Flat; flesh white, fine grained, mild and well flavored. Pkt., 5c.; oz., 10c.; 2 ozs., 15c.; ¼ lb., 30c.; lb., \$1.00, postpaid; by express, lb., 90c.; 5 lbs., \$4.25; 10 lbs., \$8.25.



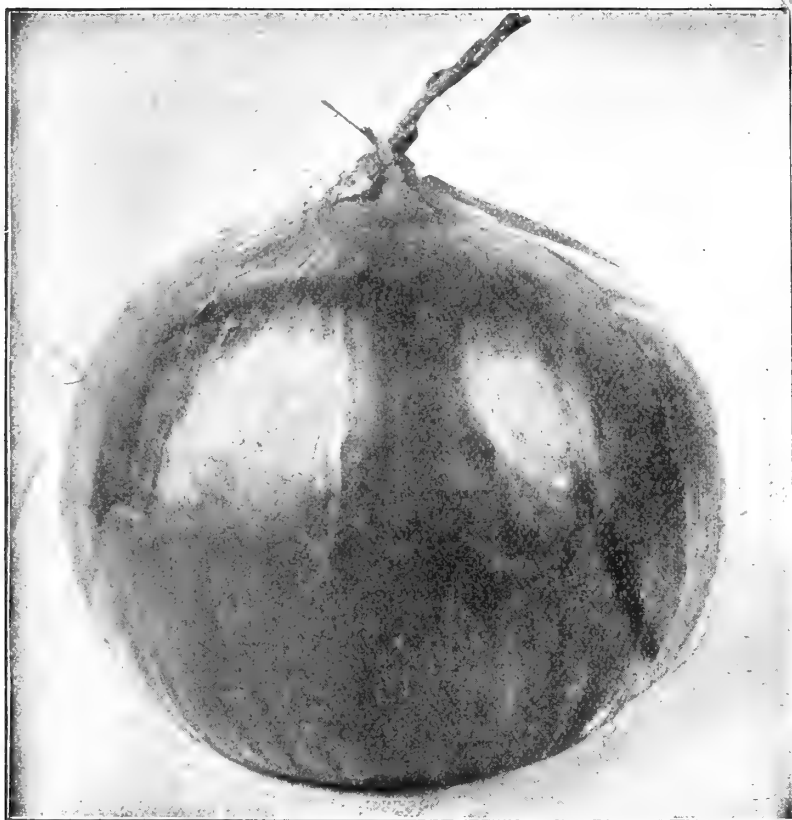
VAUGHAN'S PICKLING.

Vaughan's Pickling. This is a uniformly early, small, round, hard, crisp, tender and very handsome variety, with an opaque white skin, which does not turn green upon exposure to the sun. An excellent sort for use in bunching, for pickles or as large onions. Lb., \$1.70; ¼ lb., 50c.; 2 ozs., 30c.; oz., 20c.; pkt., 5c., postpaid; by express, lb., \$1.60; 5 lbs., \$7.00.

Bermuda Onions. These onions grow to an immense size and are of a beautiful form. The skin is very thin, flesh white, fine grained, of mild and pleasant flavor. It will grow an onion from 1 to 1½ pounds from seed, but to attain full size, set out the bulbs the following Spring. **White or Red Bermuda.** Lb., \$1.40; ¼ lb., 40c.; oz., 15c.; pkt., 5c., postpaid.

White Queen. Remarkable for its earliness and very mild flavor; it is small and white skinned; the leading variety for pickling purposes. Lb., \$1.70; ¼ lb., 50c.; 2 ozs., 30c.; oz., 20c.; ½ oz., 12c.; pkt., 5c., postpaid; by express, lb., \$1.60; 5 lbs., \$7.50.

White Barletta. It is a beautiful waxy-white color. Price, same as that of White Queen.



VAUGHAN'S "APPLE-SHAPED" YELLOW GLOBE ONION.

ONION, VAUGHAN'S "APPLE-SHAPED" RED GLOBE.

This is the most perfect market type of Red Globe Onion. It is, we think, ideal for enclosing the most bulk in the most compact shape. Its color is **absolutely the darkest blood-red possible**. Its size is equal to any of the largest types of Red Globe. Fifteen years ago this Onion was first planted in the West, under the name of Extra Early Red Globe. Since that time, grown on rich land, carefully selected for size, shape and color, it has been improved a little each year, until we believe it now the very best of its class. Per pkt., 10c.; ½ oz., 15c.; oz., 20c.; 2 oz., 30c.; ¼ lb., 45c.; lb., \$1.50; 5 lbs., \$6.50.

VAUGHAN'S "APPLE-SHAPED" YELLOW GLOBE.

In shape, productiveness, keeping qualities, and in every other respect like above, except in color, which is a good yellow. Per pkt., 10c.; ½ oz., 15c.; oz., 20c.; 2 oz., 30c.; ¼ lb., 45c.; lb., \$1.50; 5 lbs., \$6.50.

THE BOLTON ONION. THE ONION FOR SETS.

A central New York variety, pale red, medium in size, shaped like a thick flat Danvers, very firm, with small tops, quick growth. This Onion makes the best and longest keeping sets we know of; **Bolton Onion Sets are Famous**. It quickly makes a handsome "Green Onion," being one of the earliest in the market. The Onions, if permitted to remain in the ground, grow into a large Onion of fine quality for Fall and Winter use. Pkt., 5c.; oz., 10c.; 2 oz., 15c.; ¼ lb., 30c.; lb., \$1.00. By express, lb., 90c.; 10 lbs., \$7.75; 50 lbs., \$36.00.

Something New.

Early White Welsh Onion. For Green Onions. This kind does not form a bulb but is one of the best kinds for "Green Onions." The plants are perennials and can remain in the ground for years. They can be propagated by seeds or divisions. Pkt., 10c.; ½ oz., 15c.; oz., 25c.; 2 oz., 40c.; ¼ lb., 60c.

Yellow Russian Onion. An exceedingly distinct kind. The bulbs are rather small and thick with the fault of frequently splitting into cloves, but keep better than any other kind. Price, same as on Early Welsh Onion.

White Potato Onion Seed. Each, per pkt., 10c.; ½ oz., 15c.; oz., 25c.; 2 oz., 40c.
Yellow Multiplier (Shallot) Seed, 25c.; 2 oz., 40c.

Onion Sets

Pint, quart and 2 quart prices include postage; pecks and bushels are at buyer's expense. Write for latest market prices on bushel and barrel lots.



We sell Bottom Onion Sets, Shallots, White Multipliers and Potato Onions by weight, 32 lbs. to the bushel. Top Sets 28 lbs. to the bushel.

Onion Sets are subject to market changes, and while we shall try to maintain these prices, we cannot guarantee them to last throughout the season and advise early orders. "By express or freight" always means the purchaser pays the transportation charges.

Bottom Onion Sets. These are the product of seed and are used for "Green Onions" or to produce large Onions, which they do much quicker than can be grown from seed.

White Bottoms. Our sets of this are very choice, small, dry and unsprouted. Bu. (32 lbs.) \$3.50; peck, \$1.00; ½ peck, 65c., by express or freight. 2 qts., 60c.; qt., 35c.; pt., 20c., postpaid.

Yellow Bottoms. Fine dry sets, medium in size and unsprouted. Bu. (32 lbs.), \$2.35; peck, 65c.; ½ peck, 40c., by express or freight. By mail, postpaid, 2 qts., 50c.; qt., 30c.; pt., 18c.

Red Bottoms. Bright, deep red in color, even and dry; these are scarcer this year than the white bottom sets. Bu. (32 lbs.), \$2.50; peck, 85c.; ½ peck, 55c., by express or freight. By mail, postpaid, 2 qts., 50c.; qt., 30c.; pt., 18c.

Special Offer.

White, Yellow and Red Bottom Sets.	By mail, postpaid.	By express, buyer's exp.
One pint, each.....	\$0.45	\$0.30
One quart, ".....	.80	.55
Four quarts, ".....	....	1.25
One peck, ".....	....	2.10
One bushel, ".....	....	7.60

Shallots, or Yellow Multipliers. Bu. (32 lbs.), \$3.50; peck, \$1.00; ½ peck, 65c., by express or freight. By mail, postpaid, qt., 35c.; pint, 20c.

Yellow Potato Onion Sets. They produce large, dry ripe Onions earlier than any other kind. Bu. (32 lbs.), \$3.25; peck, 90c.; ½ peck, 55c., by express. By mail, postpaid, quart, 35c.; pint, 20c.

White Multiplier Onion Sets. *Green Onions for First Early Spring Bunching.* They are of a pure silvery-white color, enormously productive, frequently producing as many as twenty bulbs in a single cluster from one bulb planted; of excellent quality and size for bunching. Their keeping qualities are remarkable, having kept perfectly sound for a year, but their most important quality is extreme earliness, being ready for market three to four weeks ahead of other Onion sets. By freight or express, bu. (32 lbs.), \$4.00; peck, \$1.15; ½ peck, 70c. Postpaid, qt., 35c.; pint, 20c.

White or Silverskin Top Sets. We have a small supply of these fine Onion sets, which make such delicious "Green Onions." Pint 30c.; qt., 55c.; 2 qts., 90c.; 4 qts., \$1.20.

Red Spring Top Sets. These are planted to produce both early "Green Onions, and large eating Onions. By express or freight, bu. (28 lbs.) \$4.00; peck, \$1.20; ½ peck, 70c. By mail, qt., 35c.; pint, 20c.

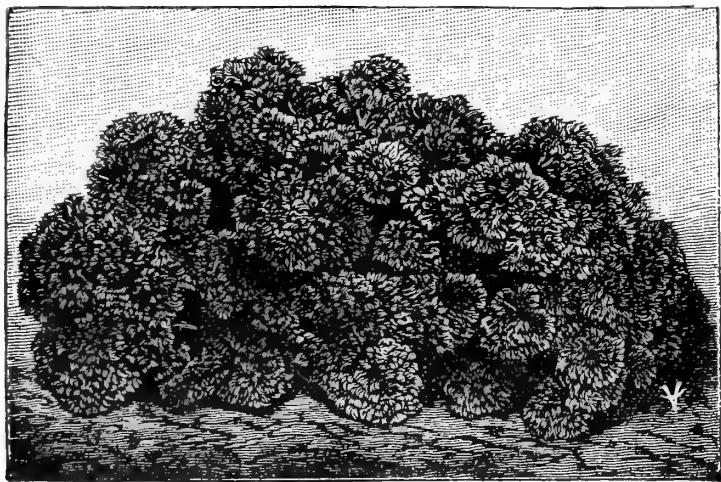
Egyptian, or Perennial Onions. This variety never forms a large bulb; their value lies wholly in their special adaptability for producing Green Onions for Spring or Fall use. They are perfectly hardy and stay in the ground all the time. Top Sets, by express, bu. (28 lbs.), \$2.00; peck, 65c. Postpaid, qt., 25c.; pint, 15c.

Parsnip

Magnum Bonum. A very fine and greatly improved strain of Hollow Crown Parsnip which we can recommend to all marketmen as a money maker. The roots are smooth, not so long as those of the standard sort, somewhat thicker in diameter and much more easily pulled. A very heavy cropper. Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

Improved Guernsey. An improved strain, which has given general satisfaction. The roots do not grow so long as those of the Hollow Crown, but are of greater diameter and more easily gathered. Of excellent quality. Lb., 50c.; ¼ lb., 15c.; oz., 10c.; pkt., 5c.

Hollow Crown or Long Smooth. (Abbot's Improved.) Smooth, large, tender and sugary; one of the best. Our stock is very fine. Lb., 45c.; ¼ lb., 15c.; oz., 10c.; pkt., 5c.



CHAMPION MOSS CURLED PARSLEY.

Parsley CHAMPION MOSS CURLED.

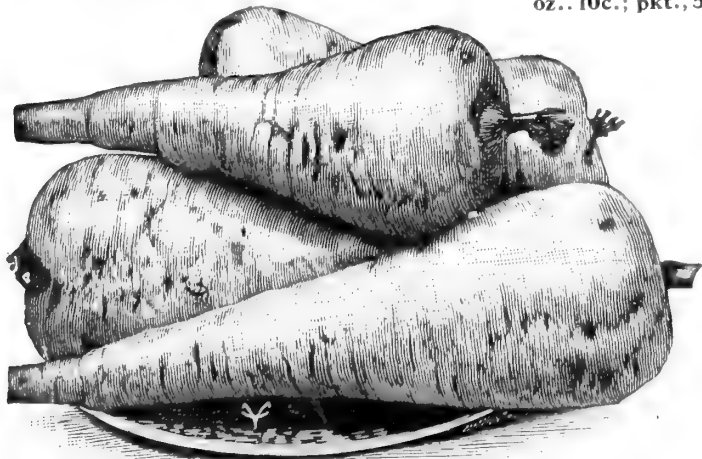
The Champion is a prize-winning English variety, in appearance like a tuft of finely curled moss, and of a rich deep green color. It is slow to run to seed and very hardy; of easiest growth; a few seeds sown in onion rows use no space. Grows in window boxes. Lb., 70c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

Double Curled Lb., 50c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

Fern-Leaved Lb., 75c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

Plain Lb., 50c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

Hamburg Rooted, or German Parsley. The root resembles a small parsnip, and is the edible part of this sort; extensively used for flavoring soups. Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

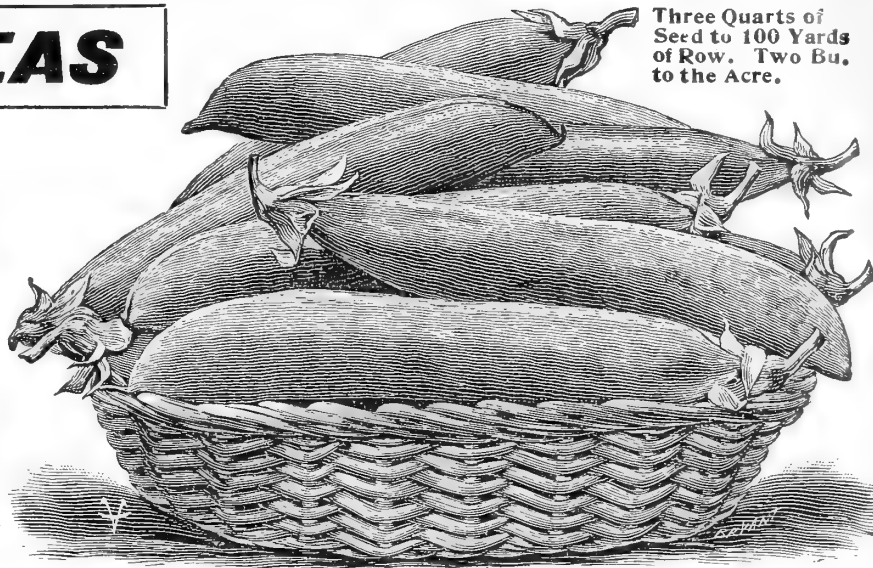


MAGNUM BONUM PARSNIP.



NOTT'S EXCELSIOR.

PEAS



GRADUS OR PROSPERITY.

Three Quarts of Seed to 100 Yards of Row. Two Bu. to the Acre.

Vaughan's "Succession Collection" of Dwarf Peas

These can all be planted at the same time, and they will be ready for use in succession.

NOTT'S EXCELSIOR.

The earliest and best Dwarf Pea in cultivation. Height, 15 inches. As hardy as the earliest market sorts, but in quality equal to the Little Gem. It out yields that variety and the American Wonder 20 to 30 per cent, and is as early as the latter. The pods are about 3 inches long and each pod contains from 6 to 8 large peas, which are tender and unusually fine flavor. It not only yields more heavily in bulk of pods than other dwarf varieties of the same season, but also of shell Peas. Price: By mail, postage included, pkt., 10c.; pt., 23c.; qt., 45c. By express or freight, at buyers' expense, large pkt., 10c.; pt., 15c.; qt., 30c.; 2 qts., 55c.; ½ pk., \$1.00; pk., \$2.00; bu. \$7.50

IMPROVED STRATAGEM. The Best of the Large Podded Late Sorts

Height, 18 inches The old Stratagem Pea has always been one of the best late sorts for quality, but it was a shy yielder, which impaired its usefulness. The Improved Stratagem has all the sterling qualities of the original type and is one of the heaviest yielders. The vines are of medium height, very stocky, the pods are of immense size, well filled with very large, dark green Peas. PRICE: By mail, postage included, pkt., 10c.; pt., 23c.; qt., 45c. By express or freight, at buyer's expense, large pkt., 10c.; pt., 15c.; qt., 25c.; 2 qts., 40c.; ½ pk., 80c.; pk., \$1.50; bu., \$5.25.

For a Succession of Tall Peas, we recommend the Gradus, Admiral Dewey, and we make the following special offers:

		By Mail		By Express at Buyer's Expense	
Succession Collection:	No. 8—One packet each of the above three	\$0 25	\$0 20		
	No. 9—One pint		65		40
	No. 10—One quart		1 30		90
	No. 11—Two quarts				1 50
	No. 12—Four quarts				2 60
	No. 13—One peck				5 75

VAUGHAN'S SWEET MARKET.

This follows immediately after Alaska, Maud S. and Nott's Excelsior, being ready to pick as soon as they are gone and continuing to bear longer than most varieties. Height, about 2½ feet. In productiveness it is excellent, a great many plants show more than 50 pods. In table quality, it is exceedingly sweet, leading most of the wrinkled kinds. In short, one of the best for home garden and market, while the pods stand shipping well. PRICE: By mail, pkt., 10c.; pt., 23c.; qt., 40c. By express, at buyer's expense, pkt., 10c.; pt., 15c.; qt., 25c.; 2 qts., 45c.; 4 qts., 80c.; pk., \$1.50; bu., \$5.25

PEAS—STANDARD VARIETIES

Each of the following, 10c. per large packet, postpaid. We furnish ½ pecks at peck rates, ½ bushels at bushel rates, except where marked. Those marked with a (*) are wrinkled varieties.

Height in inches.	Extra Early Varieties.	Pt.	Qt.	2 qts.	Pk.	Bu.
26	MAUD S.	\$0 15	\$0 25	\$0 40	\$1 25	\$4 75
28	Alaska, or Earliest of All	15	20	35	1 00	3 75
18	Little Gem	15	30	55	1 70	6 25
16	Extra Early Premium Gem	15	30	55	1 70	6 25
30	First and Best	12	20	35	1 25	4 25
12	Tom Thumb	15	25	45	1 35	5 25
9	American Wonder	15	30	55	1 70	6 25
24	Surprise	15	30	55	1 75	6 50
	Thos. Laxton, see novelties.					

AMERICAN WONDER.

Earliest Wrinkled Pea. This variety stands at the head of the list of peas in point of flavor and quality. It is a hybrid of fixed habit between the well known Champion of England and the Little Gem; it possesses the merits of both, with additional claims to notice. The vine grows ten to twelve inches high, and very prolific in pods of striking form and size. It is of finest flavor. In maturing it is among the first, being the first early of the wrinkled sorts. Peas planted in June matured in thirty-three days. It is particularly adapted for family use, as it requires no brush or other support. We have taken great pains in selecting and growing our stock and we know it to be pure and true. Dry peas are medium size, much wrinkled and pale green.

DWARF TELEPHONE, OR DAISY.

The most productive of all large podded Dwarf Peas. This new Pea is a cross of Stratagem on Telephone and a most excellent sort. The vines grow about 16 to 18 inches high, are dwarf, stocky and vigorous, and bear a tremendous crop of large, well filled pods. The pods average from 5 to 5½ inches in length, containing 7 to 9 very large Peas of a light green color, which are tender and of sweet flavor when gathered young. The pods often contain as many as 10 peas. In season it is medium, being from 5 to 7 days earlier than Stratagem. Price: By mail, postage included, pkt., 10c.; pt., 23c.; qt., 45c. By express or freight, at buyer's expense, large pkt., 10c.; pt., 15c.; qt., 30c.; 2 qts., 50c.; ½ pk., 90c.; pk., \$1.60; bu., \$6.00.

SUCCESSION COLLECTION. NOTT'S EXCELSIOR DWARF TELEPHONE IMPROVED STRATAGEM

	By Express at Buyer's Expense	
	By Mail	By Express at Buyer's Expense
No. 1—One packet each of the three above	\$0 25	\$0 20
No. 2—One pint		70
No. 3—One quart		1 25
No. 4—Two quarts		
No. 5—½ peck		
No. 6—One peck		
No. 7—One bushel		
		19 50

PROSPERITY OR GRADUS.

A great extra early wrinkled Pea. This remarkable Pea is not only large and of the best quality, but it is nearly or quite as early as the small round, extra early sorts. It is sold under two names, but the two strains appear to be identical. It is hardy and may be planted as soon as the ground is fit to work in Spring, along with smooth Peas. Gradus is a wrinkled Pea with vine growing about 30 inches high. The pods are of a bright green color, and measure 4 inches or more in length, being as large as a Telephone and equally well filled with luscious Peas—8 to 10 or more in a pod. The Peas are a first-class table quality and retain their color and attractive appearance after cooking. It is a grand Pea in all respects. Price: by mail, postage included, pkt., 10c.; pint, 35c.; qt., 60c. By express, at buyer's expense, large pkt., 15c.; pint, 25c.; qt., 45c.; 2 qts., 85c.; 4 qts., \$1.65; peck, \$3.00; bu., \$10.00.

ADMIRAL DEWEY.

This is without exception the largest podded Pea in existence. It is a heavy cropper and of excellent quality; the pods are large, well filled with Peas of the largest size, tender and of the best flavor. Undoubtedly one of the best of the tall growing late peas. Price: by mail, postage included, pkt., 10c.; pint, 23c.; qt., 40c.; by express, pkt., 10c.; pint, 15c.; qt., 25c.; 2 qts., 45c.; 4 qts., 85c.; peck, \$1.60; bushel, \$6.25.

OUR PEA PRICES for packets only include postage, other prices are net. If to go by mail, add at the rate of 8c. per pint or 15 cents per quart for postage. "By freight or express" always means that the transportation charges are to be paid by the purchaser.

Height in inches.	Second Early Sorts.	Pt.	Qt.	2 qts.	Pk.	Bu.
24	Yorkshire Hero	\$0 12	\$0 20	\$0 35	\$1 20	\$4 25
24	Horsford's Market Garden	12	20	35	1 20	4 25
24	McLean's Advancer	12	20	35	1 20	4 25
24	Heroine	15	25	45	1 25	4 75

General Crop and Late Varieties.

40	TELEPHONE, selected stock	15	25	45	1 35	5 25
40	" Vaughan's Improved	15	30	50	1 60	5 75
36	Long Island Mammoth	12	20	35	1 20	4 75
20	Pride of the Market	12	20	35	1 25	4 85
42	Everbearing	12	20	35	1 10	4 25
28	Champion of England	12	20	35	1 10	4 25
36	Black-Eyed Marrowfat	12	20	30	85	3 25
36	White Marrowfat	12	20	30	85	3 25
30	Dwarf Gray Sugar	20	35	60	2 00	...
50	Melting Sugar and Tall Gray Sugar	20	35	60	2 00	...

CANADA FIELD PEAS, write for mkt. price....

Two Splendid Peas for the Gardener

THEY ARE MONEY MAKERS THE NEW SURPRISE PEA

THE EARLIEST OF ALL THE
SWEET WRINKLED PEAS.....

THIS remarkable new sort is a cross of Earliest of All and American Wonder, possessing the quality of the American Wonder and is as early as the Earliest of the Hard Peas. The vines grow 24 inches high and need no bushing, the pods are well filled, containing 6 or 7 Peas. The Peas are not as large as those of the American Wonder but **Surprise** is a far better cropper and ready for market days before it. It was tested in the grounds of the *Rural New Yorker*, and E. S. Carman wrote of it. "It is the earliest Pea we have ever tried." The editor of the *New England Farmer* writes "Of 33 varieties on trial it was the first pick and the first to dry down." **SURPRISE** has the hardiness of Earliest of All, it is a far better Pea and cannot be recommended too highly. Another very important feature of **Surprise** Pea is the fact that it is ordinarily **not subject to mildew**, and can therefore be planted again in August for a late crop, a point which market gardeners and private planters will appreciate. **PRICE:** Pkt., 10c.; pt., 15c.; qt., 30c.; 2 qts., 55c.; ½ pk., 95c.; pk., \$1.70; bu., \$6.25. If by mail add at the rate of 15c. per qt. for postage.

Earlier than American Wonder and Nott's Excelsior, and as Early as the Earliest of the Hard Round Peas.

VAUGHAN'S IMPROVED TELEPHONE

ONE OF THE BEST SORTS FOR EITHER
HOME OR MARKET

THIS is an improvement on the regular Telephone, on the lines of purity and evenness of growth, greater vigor and productiveness, larger pods, deeper in color and more desirable in every way. The vines and leaves are large and coarse, the pods are large and are well-filled with large and tender peas, which are sweet and of excellent quality. The pods are of fine appearance, and with the fine quality of the Peas make it one of the best, if not the best, late Pea for the gardener. **PRICE:** Pkt., 10c.; pt., 15c.; qt., 30c.; 2 qts., 50c.; ½ pk., 85c.; pk., \$1.00; bu., \$5.75; if to go by mail add postage.



THE NEW SURPRISE PEA.

PEPPER.

CULTURE:—See "Vaughan's Vegetable Garden"—A Copy of it Free to Buyers of Vaughan's Seeds.

Vaughan's Improved Sweet Mountain. It is a strong grower, very productive and of excellent quality. The peppers when young are of a bright deep green color, without any shade of purple; when ripe they are of a beautiful red, the flesh is thick, sweet and mild. They often grow 6 inches long by 4 inches through. Our strain has been selected with great care, and we know no better seed can be had. **Lb., \$2.50; ¼ lb., 65c.; oz., 30c.; ½ oz., 15c.; pkt., 10c.**

RUBY KING. Grows 4½ to 6 inches long, by 3½ to 4 inches thick. The Peppers are a bright ruby red; one of the best for stuffed pickles. The plants grow from two and a half to three feet in height, with fruits three to four inches in diameter at the shoulder. The flavor is so exceptionally sweet and mild that the fruits may be eaten raw like a tomato. The meat or walls are quite thick, crisp and tender. **Lb., \$2.10; ¼ lb., 60c.; oz., 29c.; ½ oz., 12c.; pkt., 5c.**

CAYENNE PICKLING. Of dwarf habit, and does not branch very much, but unlike the ordinary Cayenne, the peppers grow erect on the plant and are about 2½ inches long, just the right size for pickling. **Oz., 25c.; ½ oz., 15c.; pkt., 10c.**

CHERRY. A rank grower and very prolific, yielding about eight times as many peppers as Cayenne. Peppers are small and round, being a trifle larger than the ordinary cherry. This is also good for pickling. **¼ lb., 75c.; oz., 25c.; ½ oz., 15c.; pkt., 10c.**

LARGE BELL, OR BULLNOSE. We have an extra choice stock of this old favorite sort. **Lb., \$2.00; ¼ lb., 60c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.**

SWEET SPANISH (Monstrous.) 6 to 8 inches long and 2 to 3 inches thick; early, very sweet and mild. **Lb., \$2.00; ¼ lb., 60c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.**

GOLDEN DAWN. **Lb., \$2.00; ¼ lb., 60c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.**

RED CLUSTER. Pungent. **Oz., 25c.; pkt., 5c.**

CAYENNE LONG RED. The true Cayenne, hot and pungent. **Lb., \$2.50; ¼ lb., 75c.; oz., 25c.; ½ oz., 15c.; pkt., 5c.**

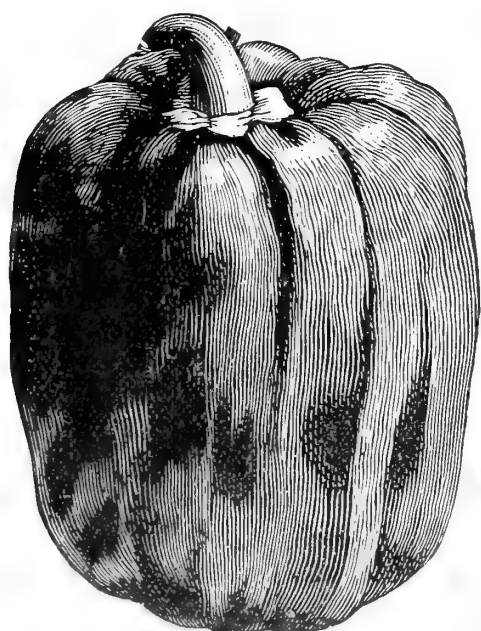
ELEPHANT'S TRUNK. Peppers from 8 to 12 inches long, bright scarlet, mild. **Oz., 30c.; ½ oz., 15c.; pkt., 5c.**

TABASCO. The Tabasco Sauce has a national reputation for flavoring soup, oysters, meat, etc. The plants develop into large bushes bearing profusely the little bright-red peppers in sprays. A mature pepper measures about one inch in length. These peppers are extremely hot and fiery in flavor. **Pkt., 10c.**

CELESTIAL. Strong, erect, bush growth, two feet in height, very productive; conical fruits, stiffly upright, one and a quarter inches in height, of rich creamy tint, turning to scarlet when ripe. **Per pkt., 5c.; oz., 25c.; ¼ lb., 75c.; per lb., \$2.50.**

PEPPERS, MIXED. Includes many new and odd sorts. **Pkt., 10c.; 3 for 25c.**

Fancy Wrinkled Sorts. Most distinct and ornamental, small-fruited varieties. The small fruits are one inch long and the same in diameter. Of beautiful coloring and pungent flavor. Highly desirable for mixed pickles. **Pkt., 10c.; oz., 30c.**



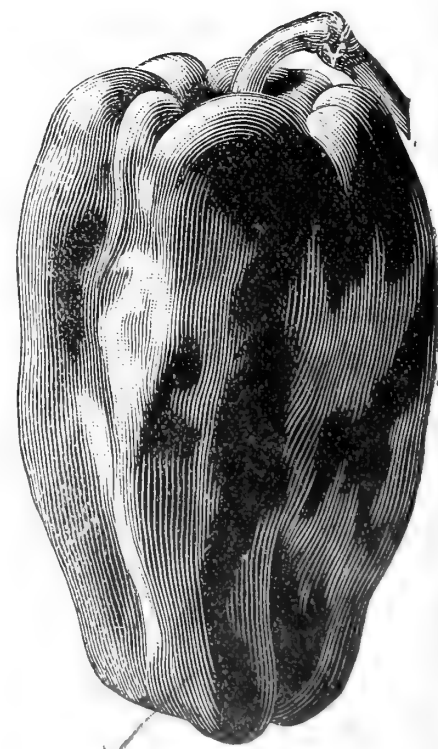
VAUGHAN'S IMPROVED SWEET MOUNTAIN.

"CHINESE GIANT."

Double the size of "Ruby King." Not only is it early in ripening and immensely productive for so large a pepper, but its enormous size will cause it to sell most readily. The monstrous fruits are of thick, blocky form and of most brilliant glossy scarlet. They grow four to five inches broad at the top, are of equal length, divided into four or more large ridges. All are uniformly of most "enormous" size. The flesh is extremely mild,—as sweet as an apple,—and unusually thick; it makes an excellent salad sliced and served like tomatoes. **Pkt., 10c.; ¼ oz., 20c.; ½ oz., 35c.; oz., 60c.**

GRUNDY CO., ILL.—I take pleasure in sending you a report on your apple-shaped Red Globe Onion. As to the shape, they grow mostly globular in form, of a bright red color and fine, large size. I like them fully as well as the Red Wethersfield, and they are just as early. Hope to send you a larger order next spring.

C. H. HADDEN.



RUBY KING.

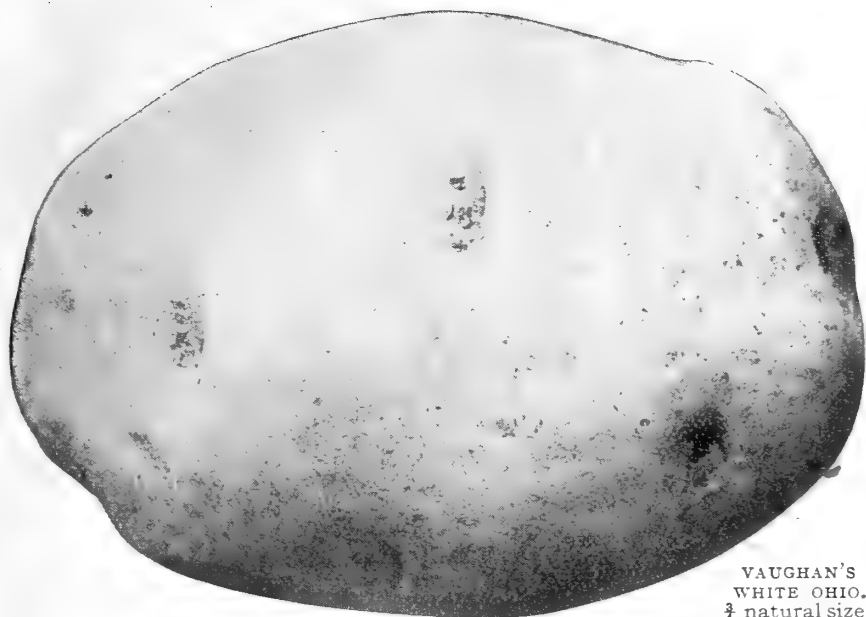
See Novelty Pages for
Vaughan's Magnum Dolce
The Largest, Sweetest Pepper.

VAUGHAN'S MANURE FOR THE HOME GARDEN.

This is suited for all kinds of flowers, vegetables and the lawn, being a high grade complete fertilizer, just what is needed to make plants grow and produce fine vegetables. **Price, 5 lb. box, 30c.; 10 lbs., 50c.; 25 lb. bag, \$1.00.**

Vaughan's Northern Grown Potatoes

GROWN FOR VAUGHAN'S SEED STORE IN THE RED RIVER VALLEY OF THE NORTH.



VAUGHAN'S
WHITE OHIO.
1/2 natural size.

VAUGHAN'S NEW "WHITE" OHIO.

The White Ohio, introduced by Vaughan's Seed Store five years ago, has proven very popular; our customers like it very much for a change from the old Ohio. This has proven fully equal to the old Early Ohio in every way. In very many localities, where the market prefers a white potato, this New White Ohio has made a success. You will make no mistake in ordering one barrel or 20 barrels of Vaughan's White Ohio. (See photo illustration.)

SWEET HOME. A week earlier than Ohio. For table quality and flavor it cannot be excelled. The tubers are of good size, few small ones; white and russet; form oval, much like Ohio; small eyes a strong grower and abundant yielder.

CARMAN No. 3. One of the best originated by Mr. Carman, a popular main-crop variety. In it he has succeeded in fixing those desirable points so valuable to every potato grower. 1. Very large and handsome. 2. Remarkably productive. 3. All large tubers and compact in a hill. 4. High table quality; no hollow or hard core. Skin flesh-white. Will keep without trouble until planting time.

EARLY ROSE. Minnesota grown; raised for us on contract.

IRISH COBBLER. A white netted early potato of splendid quality. Eyes strong and well developed; flesh white. Ripens with the Ohio. Following the Acme about one week. You will not be disappointed in this potato.

KAISER KRONE. Of German origin, imported by us, best table quality. Shape oval; skin somewhat rough; flesh white; eyes flat. Prefers a light soil.

RURAL NEW YORKER No. 2. It is very large, usually smooth, with few and shallow eyes; form oblong, inclining to round, and rather flattened. Skin and flesh white; quality excellent; season intermediate. Tubers of great uniformity in size; almost every one marketable. Our Minnesota customers think more of this than any other late sort.

PRIDE OF THE SOUTH, OR WHITE TRIUMPH.

Similar to its parent, the "Early Triumph," except in color. This potato has been a very profitable crop for first early use. It catches the earliest market, and is a beautiful round tuber selling on sight. (See photo illustration.)

HEWES' EARLY. Introduced by us. It resembles the Acme in habit of stalk and bloom. It is extremely early; very free from mixture with any other kinds. Planters whose soil and market use potatoes of the Ohio class to advantage will find Hewes' Early worth double the value of Early Rose. We recommend it next to the Ohios.

ACME. The most profitable early potato. Belongs to the Ohio type; however, a better yielder and earlier.

SIR WALTER RALEIGH.

An A 1 late potato. A seedling of Mr. Carman's, whose work on potatoes has become famous. This new one is an improved Rural New Yorker No. 2. Yields almost all marketable sized potatoes a little earlier and of better quality than Rural. (Read our description of Rural.) Exceedingly fine grained and white fleshed, equaling the old Snowflake.

PEACHBLOW. Bright, northern grown seed.

JUNIOR PRIDE. Very early. See novelties.

All varieties are true to name and are grown from our own stock seed. We do not substitute or rename kinds in any case.

Kindly mention your second choice in case we may be sold out of the kind wanted, if you order late.

The prices on our potatoes are f.o.b. Chicago. If to be shipped from New York, add 50c. per barrel and 20c. per bushel; peck and half-peck prices are the same.

VAUGHAN'S IMPROVED EARLY OHIO.

Our strain of Early Ohio has been grown for several years in the Red River Valley and seems, when used for seed in the Central States, the East and the South, to excel in smoothness, yield and earliness any seed of this kind grown elsewhere. We have for several years grown this strain on contract, and customers are willing and anxious to pay us the added cost of freight and careful selection to get this seed. Order Vaughan's Improved Ohio and you will not be disappointed in earliness or yield.

WHITE MOUNTAIN. Large, creamy-white, medium late, very strong grower. At the New Hampshire Experiment Station, tested with 80 sorts, this was the first in size and the fifth in yield. It is undoubtedly a great yielder and of first class table quality. Its strong growth of vines is a great protection against blight and bugs, and this makes a crop when other sorts fail. If not known in your neighborhood take a barrel or two; your neighbors will want seed next year.

ENORMOUS. Late, vines very healthy, stalks very strong and tall. Potatoes very large, oblong and skin very white; quite smooth, eyes medium depth. Tested by five Agricultural Colleges it averages to stand at the head in yield. Potato growers who plant largely can, we are satisfied, grow Enormous at a decided profit over most late sorts now on the market. If not known in your section, order some; it will be wanted.

KING OF MICHIGAN. Raised by the potato specialist, Mr. Bovee. Tuber oblong, slightly flattened. Strong top growth covering the ground. Excellent yielder and of superior quality. Michigan growers, in the best potato districts, think well of it. Add some when making up your potato order.

	(Prepaid)			(At Buyer's Expense)			
	1 lb.	3 lbs.	1/2 pk.	1 pk.	1/2 bu.	Bu.	Bbl.
Vaughan's White Ohio	\$0.30	\$0.75	\$0.35	\$0.60	\$1.00	\$1.85	\$4.50
Vaughan's Imp. Ey. Ohio Fcy.	.25	.60	.30	.50	.85	1.60	4.00
Sweet Home	.25	.60	.30	.50	.85	1.60	4.00
White Triumph (Fride of South)	.25	.60	.30	.50	.85	1.60	4.00
Carman No. 3	.25	.60	.30	.50	.85	1.60	4.00
Early Rose, Minn grown	.20	.50	.30	.45	.80	1.50	3.75
Irish Cobbler	.25	.60	.30	.50	.85	1.60	4.00
Kaiser Krone	.25	.60	.30	.50	.85	1.60	4.00
Rural New Yorker No. 2	.20	.50	.30	.45	.80	1.50	3.75
Hewes' Early	.25	.60	.30	.50	.85	1.60	4.00
Sir Walter Raleigh	.20	.50	.30	.45	.80	1.50	3.75
White Mountain	.20	.50	.30	.45	.80	1.50	3.75
King of Michigan	.25	.60	.30	.50	.85	1.60	4.00
Manus Enormous	.25	.60	.30	.50	.85	1.60	4.00
Peachblow	.25	.60	.30	.50	.85	1.60	4.00
Acme	.25	.60	.30	.50	.85	1.60	4.00
Junior Pride. (See novelties.)	.30	.75	.35	.60	1.00	1.85	4.50

The prices on our potatoes are f. o. b. Chicago. If to be shipped from New York, add 50c. per barrel and 20c. per bushel; peck prices and half-peck prices are the same.

SWEET POTATOES.

Prices subject to change.

3-bbl. lots, 25c. per bbl. less.

	1/2 bu., boxed	Bu.	Bbl.
Yellow	\$1.15	\$1.85	\$3.50
Red	1.35	2.25	4.25
The African Bunch			
Yam (Vineless)	1.60	2.75	5.50

HUMPHREY'S CONCAVE POTATO KNIFE.

The most useful and practical potato cutter. We own the patent. Each, 30c.; 3 for 75c., postpaid.

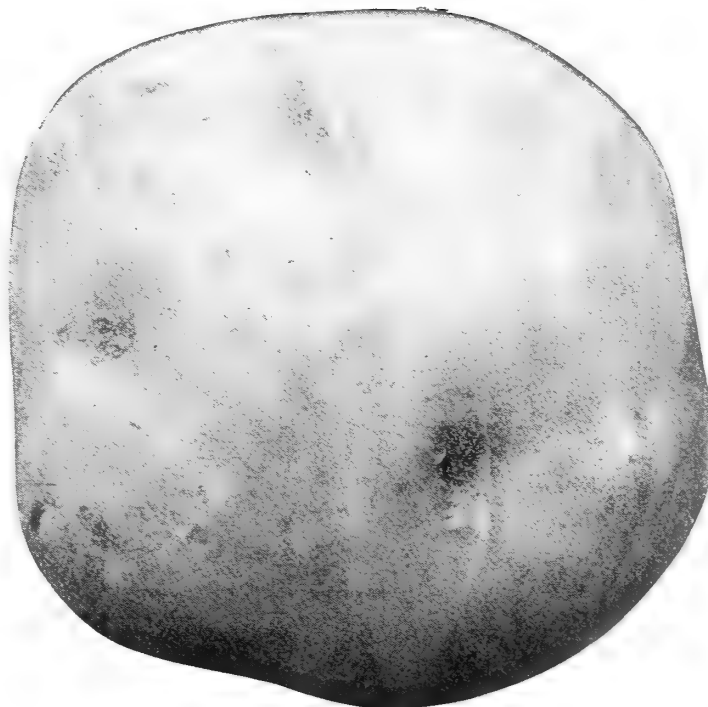
Leggett's Little Giant Duster.

The best dry powder gun; can dust two rows at a time. Each, \$5.00.

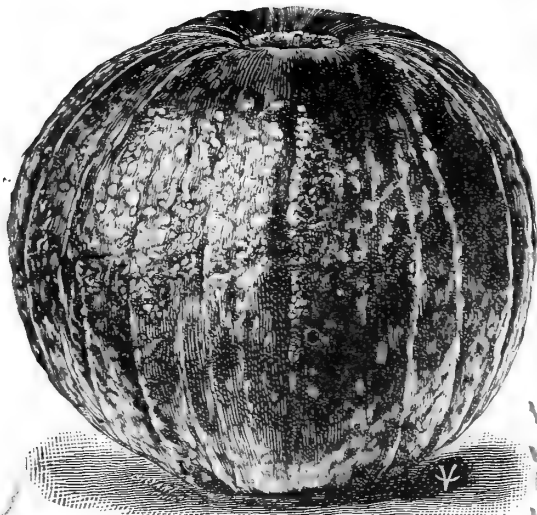
HAMMOND'S SLUG SHOT.

Destroys potato bugs. Price, 5 and 10 lb. packages, 6c. per lb.; 25 to 50 lbs., at 4c. per lb. By barrelful, in bulk, 235 lbs., \$9.00, onears; 3 bbls., in bulk, at \$3.60 per 100 lbs.

For Auto Spray, Eclipse and Knapsack Sprayers, Dusters and Insecticides, including Slug Shot and Bug Death, see back of this Catalogue.



WHITE TRIUMPH (about natural size).



Vaughan's Sugar Pie Pumpkin.

This is the best of all Pumpkins for pies. The fruit is small to medium in size, flesh solid and fine grained and the seed cavity small; it is a splendid keeper. Lb., 80c.; ¼ lb., 25c.; 2 ozs., 15c.; oz., 10c.; pkt., 5c.

PIE PUMPKIN, "CALHOUN."

It is medium in size, extraordinarily heavy and solid, very productive and of excellent quality. The outside is a cream color, while the flesh, which is very thick and fine grained, is a salmon-yellow and of superior quality. It is undoubtedly one of the best for pies. Lb., 80c.; ¼ lb., 25c.; 2 ozs., 15c.; oz., 10c.; pkt., 5c.

LARGE SWEET OR MAMMOTH PIE PUMPKIN.

This is a Pumpkin which we came across at the Illinois State Fair in the Fall of 1902. We do not recognize it as a kind regularly sold by seedsmen. The exhibitor from whom we secured the seed we offer has taken first premium at the Illinois State Fair for the past five years for "Best Sweet Pumpkins." This Pumpkin has been grown in the same family for the past thirty-five years and it is undoubtedly one of the best for making pies or for stock feeding. The pumpkins grow to large size, up to 50 lbs. in weight, most of them averaging from 20 to 40 lbs. We feel perfectly safe in recommending this variety to all for a splendid pie-maker and also for stock feeding. Lb., \$1.25; ¼ lb., 40c.; 2 ozs., 25c.; oz., 15c.; pkt., 5c.



VICTORIA RHUBARB.

MAMMOTH RHUBARB.

The most vigorous and productive variety known. The leaf stalks are numerous, the larger ones being 15 in. long and fully 1½ in. wide. It is the first article of the season from the garden, and no garden should be without it. Lb., \$1.50; ¼ lb., 45c.; oz., 15c.; pkt., 5c., postpaid.

Rhubarb Roots. Set in Spring they will furnish leaf stalks the following season.

Victoria. Clumps, Doz., \$1.50; each, 15c., not prepaid. Small roots, doz., \$1.00; each, 10c., by mail postpaid.

We can also supply for immediate effect extra large clumps at 25c. to 50c. each. These clumps are extra large and heavy and will be sent by express or freight (at buyer's expense).

SAGE. See page 17.

SORREL.

Sauerampfer-Oseille.

Of the easiest growth. Sorrel is cultivated for its leaves, which possess a very fine flavor; boiled and served like Spinach. It also makes a delicious soup. Lb., \$1.25; ¼ lb., 35c.; oz., 15c.; pkt., 5c.



SORREL.

PUMPKIN

LARGE FIELD, OR "BIG TOM."

A very hardy and prolific variety, frequently grown among corn to make a crop of Pumpkins for feeding to dairy stock; it also makes excellent pies. Vines are strong, vigorous and wonderfully prolific. Fruits will average fifteen to twenty inches in diameter. Smooth, hard, reddish-orange skin, with rich orange-yellow flesh. Lb., 45c.; ¼ lb., 15c.; oz., 10c.; pkt., 5c.; postpaid. By express, 35c. per lb.; 5 lbs. at 30c. per lb.; 10 lbs. or more at 25c. per lb.

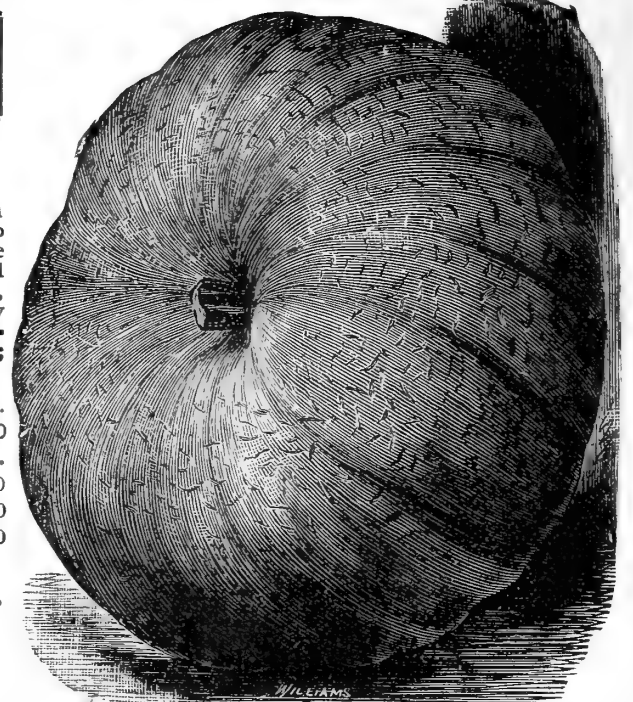
	Pkt.	Oz.	¼ Lb.	Lb.
Large Cheese.....	\$0 05	\$0 10	\$0 20	\$0 60
Japanese Pie—Crop failed....	.....	.....	.....	.....
Golden Oblong.....	05	10	25	80
Sweet Potato.....	05	10	25	80
Large Tours or Mam, French	05	10	25	70

Mixed. All above varieties in one package, 10c.

Mixed, Largest Varieties. Lb., \$1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c.

Winter Queen, or Winter Luxury.

This is an improvement of the old, well-liked Sugar Pumpkin, and is admitted by all who have grown it to be one of the very best pie pumpkins. Its size is about nine or ten inches in diameter. In color a beautiful, deep orange-yellow, with a very close netting, almost as russeted as a potato. It is a good Winter keeper. Lb., 80c.; ¼ lb., 25c.; 2 ozs., 15c.; oz., 10c.; pkt., 5c.



MAMMOTH PRIZE PUMPKIN.

The flesh and skin are of a bright golden-yellow color. Flesh fine grained and of excellent quality. Notwithstanding its enormous size, it is one of the very best pie pumpkins ever grown, and a splendid keeper. This enormous variety has been grown to weigh 200 lbs. Lb., \$1.80; ¼ lb., 50c.; 2 ozs., 35c.; oz., 20c.; pkt., 10c.

LARGE CHEESE.

Fine for pies; an excellent Keeper. Of large size; shape flat, like a cheese box; very productive; flesh yellow, sweet, fine grained and rich flavored. One of the very best for family use and for market. It keeps well into the winter. Is also grown in quantity for stock feed. Lb., 60c.; ¼ lb., 20c.; oz., 10c.; Pkt., 5c.

SALSIFY OR OYSTER PLANT.

Haferwurzel.

Generally known as the Oyster Plant. We esteem this to be a much better root for table use than the Parsnip or Carrot. Some persons have been skeptical as to its possessing an oyster flavor, as it seldom attains true taste until, like the Parsnip, it has been well frosted. But if dug up during thaws in the Winter and early in the Spring and boiled like carrots or parsnips, or half boiled and grated fine, made into balls, dipped into a batter and fried like oysters, it is a very good substitute for the shell-fish itself.

Long White Salsify. Lb., 80c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

Sandwich Island Mammoth

Salsify. Grows uniformly to an extra large size, averaging fully double the size and weight of the roots of the old variety. The roots, notwithstanding their size, are of superior quality and very delicate flavor. Lb., \$1.10; ¼ lb., 35c.; oz., 15c.; pkt., 5c.

Scorzonera, or Black Salsify.

(Schwartzwurzel.) Treatment same as Salsify, which it closely resembles, except that the skin is black. Soak in water a few hours before cooking to remove the bitter taste. ¼ lb., 45c.; oz., 15c.; pkt., 5c.

RAMPION.

Raiponce. Repouche. Rapunzel Rube.

Sow in the open ground early in May, either broadcast or in drills 10 inches apart. As the seed is very fine, it merely requires to be pressed firmly into the soil. Thin out the seedlings if they come out too thick, and water frequently during hot weather. The roots may be gathered for use from October onward throughout the Winter. The roots and leaves are excellent as salad. Pkt., 10c.; ¼ oz., 15c.; oz., 30c.; 2 ozs., 55c.



MAMMOTH SANDWICH ISLAND SALSIFY.

Vegetable Gardening.

A MANUAL ON THE GROWING
OF VEGETABLES
FOR HOME USE AND MARKETING.

BY

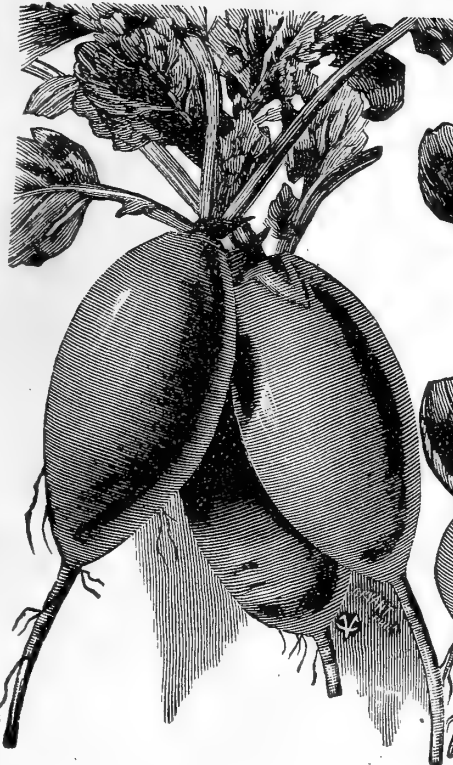
SAMUEL B. GREEN,

Professor of Horticulture in the U. of M.

A \$1.25 BOOK
FOR 65 CTS.

FULTON CO., ILL.—The Corn, Imp. Champion we consider a success. It is all you claim for it. We have planted your seeds ten years, and although we have also tried other reliable firms, have found none better than yours.
MRS. L. MERRILL.

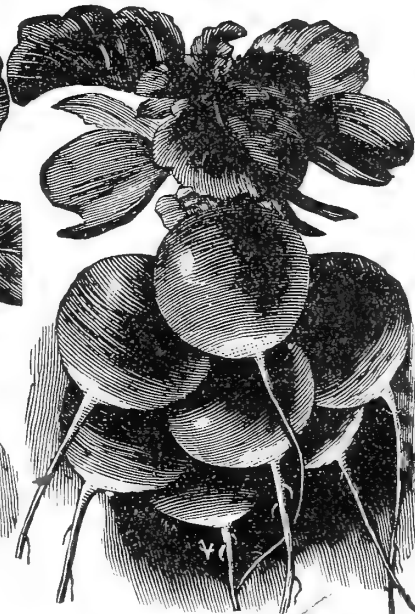
Vaughan's Radish



VAUGHAN'S TWENTY-DAY RADISH.



VAUGHAN'S EARLIEST CARMINE TURNIP.



VAUGHAN'S EARLY SCARLET GLOBE WHITE TIP.



ICICLE—THE QUICKEST LONG WHITE RADISH.

✓ VAUGHAN'S "20-DAY" RADISH.

THE QUICKEST OF ALL RED RADISHES.

Quick growth is one of the main essentials for a crisp and tender Radish. This matures in 20 days after sowing, which makes it one of the most valuable sorts for forcing or outdoor culture. The flesh is pure white, crisp and of very pleasant flavor; the skin is a most attractive bright scarlet. The leaves are very short, which admits of very close sowing. Lb., 75c.; $\frac{1}{4}$ lb., 25c.; 2 oz., 15c.; oz., 10c.; pkt., 5c.

✓ VAUGHAN'S EARLY SCARLET GLOBE WHITE TIP.

THE BEST AND QUICKEST OF THE WHITE TIPS.

An extremely quick-growing sort; bright scarlet, with a white tip; short tops and thin tails; of excellent quality. Lb., 80c.; $\frac{1}{4}$ lb., 25c.; 2 oz., 15c.; oz., 10c.; pkt., 5c.

✓ EARLIEST WHITE. This is not only the earliest White Radish, but the earliest of any color, good sized Radishes having been pulled in from 15 to 18 days after sowing. The Radishes are pure white, oblong, crisp and tender. The tops are small, which renders them suitable for forcing and admits of close planting. Lb., 70c.; $\frac{1}{4}$ lb., 25c.; oz., 10c.; pkt., 5c.

✓ EARLIEST WHITE TURNIP, SHORT TOP

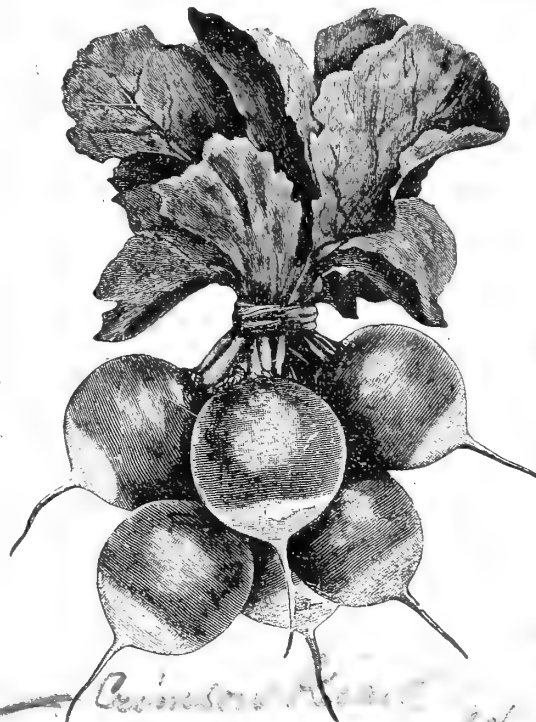
(White Box.) Of quick growth; roots round, pure white; tails very thin; leaves short, flavor excellent. Fine for forcing and open ground. Lb., 60c.; $\frac{1}{4}$ lb., 20c.; oz., 10c.; pkt., 5c.

✓ TRIUMPH. This Radish is both unique and useful. It is very early, being a "Twenty-Day" Radish, of globular form and its tops are very short, which makes it valuable for cultivation under glass. The flesh is very crisp and solid and of mild flavor. The ground color is pure white, striped horizontally with bright scarlet. It is a most attractive ornament for the table, and market gardeners will find ready sale for it. Lb., \$1.25; $\frac{1}{4}$ lb., 50c.; 2 oz., 25c.; oz., 15c.; pkt., 5c.

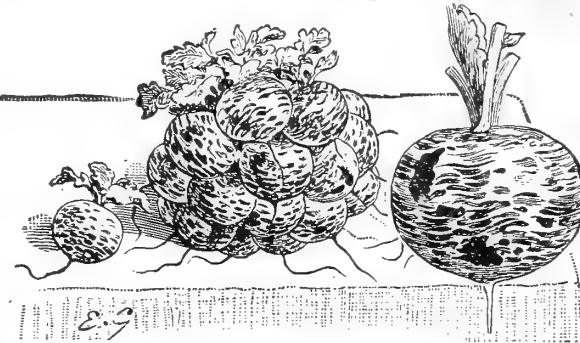
✓ ALL SEASON RADISH. Without doubt the finest of its class. It may be sown from Spring until Autumn, and the roots obtained from late sowings can be kept in storage for Winter consumption. As its name indicates, it is an all-season's sort and can be used in all stages, from the size of a marble until full grown. The root is round, of brilliant scarlet color, grows to a very large size and remains firm and brittle to the end. The best radish for all purposes. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; 1 lb., 65c.

SEEDS ARE DIFFERENT

from other merchandise. The real value of Seeds can only be known after months of labor. Buy your seeds of a reliable seed house with a reputation back of it. Seeds of real merit must be grown and sold by practical, trained seedsmen, with a reputation made and to be maintained.



SCARLET TURNIP, WHITE TIP. The favorite in the Chicago market.



TRIUMPH—SCARLET AND WHITE.



IMPROVED EARLY SCARLET GLOBE. (See back cover.)

ICICLE. Entirely distinct, long, slender, pure white. Very early, the earliest and finest long white. It is ready for use fully as early as the Long Scarlet Short Top, with less foliage, rendering it most desirable for forcing. In the open ground the roots continue brittle, crisp and mild, until they are fully as large as those of the Long Cardinal. It is ready for use following the olive-shaped Earliest White, and is destined to become a leading variety. The Icicle is perhaps superior to the finest red ones. Roots pure snowy white, four inches in length and half an inch in diameter; they retain their crispness and fresh, mild flavor until fully six inches long and an inch in diameter. Lb., 70c.; $\frac{1}{4}$ lb., 20c.; oz., 10c.; pkt., 5c.

SCARLET TURNIP, WHITE TIP.

VAUGHAN'S SELECTED STOCK.

For outdoor sowing this is the most important sort in the Chicago market, thousands of pounds being annually used. Our stock of this is the best. Some years ago we secured stock seed of just the kind that was wanted by the most critical hotel and grocery trade, and had it grown for us by the most careful grower in France, paying him an extra price for special and critical selection. All our seed is raised from transplanted roots, and is just right in color, size and shape. We have many customers who buy from 25 to 100 lbs. of this, always insisting to get "as good seed as they had last year." Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 55c.; 5 lbs., \$2.00.

✓ VAUGHAN'S EARLIEST CARMINE TURNIP. THE BEST AND QUICKEST EARLY SCARLET TURNIP RADISH.

Of extremely quick growth, maturing in about three weeks. Leaves very short, rendering them particularly adapted for forcing under glass; of superior flavor, crisp and tender; skin deep carmine red; very attractive. Also a splendid sort for the home garden. Lb., 75c.; $\frac{1}{4}$ lb., 25c.; 2 oz., 15c.; oz., 10c.; pkt., 5c.

IMPROVED BREAKFAST.

Its color is very deep, glossy crimson. The white is well defined and contrasts very pleasingly with the deep red of the upper part. One of the best early Radishes for family use. Lb., 65c.; $\frac{1}{4}$ lb., 20c.; oz., 10c.; pkt., 5c.

✓ SHORT-LEAVED FORCING.

AN 18-DAY RADISH.

The extra early forcing Radishes lately introduced are remarkable for the small size of their leaves; they develop their roots in so short a time that the latter are practically in advance of the leaves. The character is still more noticeable in this new variety. The seed leaves, which assume a great development from the start, are the only green parts to be seen on the plants until the bulbs are almost large enough for pulling. Only at that time one or two short leaves are produced. The roots are of the shape and color of our "Twenty-Day" Radish. $\frac{1}{4}$ lb., 60c.; oz., 20c.; $\frac{1}{2}$ oz., 12c.; pkt., 5c.

OUR 50c. BARGAIN VEGETABLE SEEDS

One pkt. each of the following,
our selection of sorts :: :: ::

STRING BEANS, LETTUCE,
DWARF PEAS, PARSLEY,
SWEET CORN, CARROT,
BEET, ONION,
CUCUMBER, TOMATO,
RADISH, SWISS CHARD.

12 Pkts. of Best Vegetables for 50c.

Retail Value 75c.

A Complete Vegetable Garden for 50c

Half-Long Black Winter.

An American sort of the same general character as the Long Black Spanish; but by many considered superior to either the Round or the Long Black Spanish. It is intermediate in shape between the two, and seems to combine the good qualities of both. Pkt., 5c.; oz., 10c.; 2 oz., 15c.; ¼ lb., 20c.; lb., 60c.

RAT-TAILED RADISH.

(Raphanus Candatus). The edible part is the seed vessel; eaten raw or pickled. Very agreeable pungent flavor. Packet, 5c.

Please Remember! Our Radish seed is saved from selected, transplanted roots, and it costs more to raise Radish seed if grown in that way than if no selection is made.

SPINACH

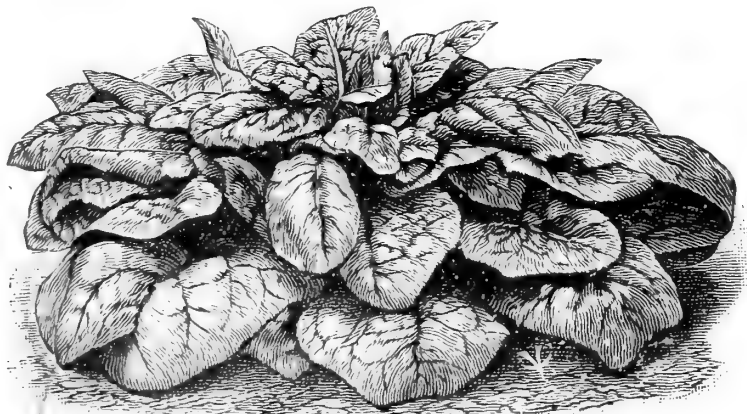
Special Prices for Large Lots.

EXTRA LARGE, ROUND LEAF. Our stock is very fine and select. 100 lbs., \$12.00; 10 lbs., \$1.30; 5 lbs., 75c.; lb., 20c., by express. Lb., 30c.; ¼ lb., 12c.; oz., 5c., by mail.

PRICKLY SEEDED. Very hardy; good for Fall sowing. Lb., 40c.; ¼ lb., 15c.; oz., 5c., postpaid.

LONG STANDING. Slow going to seed. 100 lbs., \$12.00; 10 lbs., \$1.30, by express. Lb., 30c.; ¼ lb., 12c.; oz., 5c., postpaid.

MONSTROUS-LEAVED VIROFLAY. Quick, strong growth; much used by New York truckers. 10 lbs., \$1.40, by express. Lb., 30c.; ¼ lb., 12c.; oz., 5c., postpaid.



VAUGHAN'S NORFOLK SAVOY SPINACH.

This is the variety so highly prized by the large planters about Norfolk, Va. The leaves, remarkably thick and blistered, extremely hardy, do not settle in the barrel in shipping as do the other varieties. No seed has caused planters more dissatisfaction than spurious varieties of this, whole crops having been plowed under or abandoned because they were not of the proper kind. Our strain has secured the trade of the largest and best growers in the country. Lb., 35c.; ¼ lb., 12c.; oz., 5c., postpaid. By express, lb., 25c.; 5 lbs., 85c.; 10 lbs., \$1.40; 25 lbs., \$3.25; 100 lbs., \$12.00.

OUR PRICES On pounds include postage. If sent "by express," customer paying charges, 10 cents may be deducted from the single pound rates.



RADISH



THE CINCINNATI MARKET. The tops of this new Radish are very small and may stand much closer in the rows than Wood's Early Frame or Long Scarlet, without danger of running to seed. They grow straight and smooth and from six to seven inches long. The flesh is very tender, crisp and delicious, never becoming pithy or hollow. The skin is very thin and is of an attractive, bright scarlet color. Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

VAUGHAN'S MARKET. The best early Long White Radish, exceedingly tender and fine flavored. Half-long white Radish resembling the Strassburg in size, but of quicker growth; very smooth and regular in appearance, with pure white skin and exceedingly delicate and brittle. Lb., 80c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

BRIGHTEST LONG SCARLET, OR CARDINAL.

The handsomest and earliest Long Radish. This new sort resembles the Early Long Scarlet in shape and is fit for use in 25 days after sowing. Its color is the brightest scarlet we have ever seen in any radish; the tails are tipped white. This sort outsells any other long Radish put in competition with it on the market, and is an extra fine sort for the home garden; best quality. Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

EARLY LONG SCARLET, Short Top. The standard long variety for market and home garden. Roots long, growing partly above ground, straight, smooth, rich scarlet color; very crisp and a quick grower. Our seed is specially selected. Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

LONG WHITE VIENNA. One of the finest of long white Radishes. Snow white, very brittle and crisp; of beautiful shape and rapid growth. Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.



PRICES PER PACKET 5 CENTS FOR ANY OF THE FOLLOWING RADISHES:

	Oz	¼ lb.	Lb.
Ne Plus Ultra. Rich scarlet Turnip shape, good forcer.....	\$0 10	\$0 20	\$0 55
Early Deep Scarlet Turnip. The old stand by	10	20	50
Olive-Shaped Deep Scarlet. Similar to our "20-Day".....	10	20	60
Olive-Shaped White.....	10	20	55
Half-Long Deep Scarlet.....	10	15	50
French Breakfast. Quick and handsome.....	10	20	60
Mixture of Turnip and Olive-Shaped Varieties.....	10	20	55
Early White Stuttgart. We have an extra selected stock.....	10	20	55
Yellow Summer Turnip.....	10	20	55
Golden Yellow Summer Turnip.....	10	20	60
Early Wood's Frame. A very good early long scarlet.....	10	15	50
Improved Chartier's. Long scarlet, with a white tip.....	10	15	50
Long White Strassburg. Best market gardener's stock.....	10	20	55
California Mammoth White Winter.....	10	20	70
Rose or Scarlet China Winter.....	10	20	60
Long Black Spanish.....	10	20	60
Round Black Spanish.....	10	20	60
Chinese Mammoth, or Celestial.....	10	25	70
Long White Spanish Winter.....	10	20	60

VICTORIA SPINACH. The foliage is heavy, the broad, dark green leaves being of the true Savoy appearance, and are of the finest quality, but the feature that makes it of special use for market and family gardens is that it is in prime condition from 2 to 3 weeks after all other varieties have run to seed. Lb., 30c.; ¼ lb., 12c.; oz., 5c., postpaid. By express, lb., 20c.; 5 lbs., 70c.; 10 lbs., \$1.25; 25 lbs., \$2.75; 100 lbs., \$10.00.

NEW ZEALAND SPINACH. This sort is grown to supply the place of the ordinary Spinach during the hottest months of the year, or in dry, arid localities, where the ordinary Spinach does badly. The leaves are eaten boiled like those of the other kinds. Lb., 70c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

THE BEST IS THE CHEAPEST. Therefore buy Vaughan's Seeds and be assured of a good garden and an abundant harvest before you sow a seed.

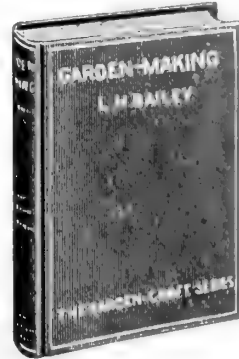
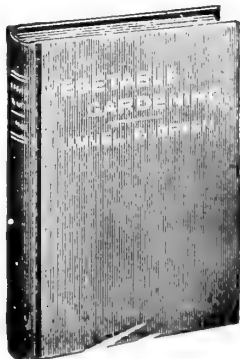
VEGETABLE GARDENING.

A manual on the growing of vegetables for home use and marketing, by Samuel B. Green, Professor of Horticulture, U. of Minn. Revised Edition. Regular price, \$1.25. Our price, 65c. Every gardener and private planter should have this book; it will pay for itself the first Summer.

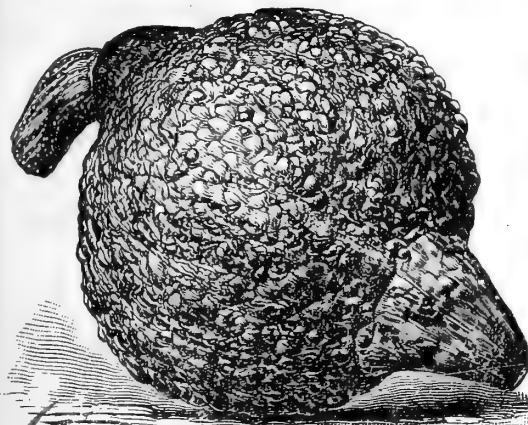
GARDEN MAKING.

By Prof. Bailey.

The most up-to-date book on general gardening. A \$1.00 book for 65c. or by mail postpaid, 70c.



SQUASH



RED OR GOLDEN HUBBARD.

Vaughan's Giant Summer Crookneck

Select stock. Our stock of this is as pure as we have seen, and the product is as near perfection as squashes can be. Lb., \$1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c.

Giant White Summer Crookneck.

In size and shape it is similar to the old Summer Crookneck, but averages a little larger. The skin is a very beautiful ivory-white color. It makes one of the most attractive and beautiful of Summer vegetables and is the most tender and best flavored of Summer Squashes. Lb., 75c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

FORDHOOK. It ripens early, and is one of the best keepers we know of. It can be kept all through the Winter until June. It is very prolific, and bug and borer proof. Lb., \$1.10; ¼ lb., 30c.; oz., 10c.; pkt., 5c.

DELICATA. Orange-yellow, splashed and striped with very dark green. The quality is rich and dry, wonderfully solid and heavy. For private use particularly we can recommend this squash, as it far surpasses in richness of flavor any of the large sorts. Lb., 75c.; ¼ lb., 25c.; 2 oz., 15c.; oz., 10c.; pkt., 5c.

DELICIOUS BUSH FORDHOOK.

SEE NOVELTIES.

CHICAGO WARTED HUBBARD.

VAUGHAN'S SELECTED STOCK.

Our strain of the above will produce mainly the type shown in our photo-engraving, which we consider the **Ideal Hubbard** for home or for market. For thirty or forty years this Squash has ranked first for a Winter keeper. It is shipped thousands of miles in carload lots from west to east every year. With the growing of it in a large way, it was found that the largest, heaviest, dark, rough-skinned specimens are most valuable and most salable. Because of this our selection of Chicago Warded Hubbard has been made. Lb., \$1.10; ¼ lb., 35c.; oz., 10c.; pkt., 5c. By express, lb., \$1.00; 5 lbs., \$4.50.

HUBBARD. An extra choice selection. None better in the market. Lb., \$1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c.; 5 lbs., \$4.00.

SWISS CHARD BEET, OR SUMMER SPINACH.

A distinct vegetable and far superior to the common Beet for greens and equal to Spinach. Sown early in the Spring, in rows 16 inches apart, and the seedlings afterward thinned out to 6 inches in the rows, it makes rapid growth of leaves, and is fit for use for greens sooner than any other variety. For Summer use we consider it superior to Spinach, because it can be cut throughout the entire Summer and Fall, when no Spinach is to be had. It is of almost the same flavor and it is much easier to wash and prepare for the table, a fact which every housewife knows how to appreciate. Later the leaves grow very large, with broad, flat, beautifully white, wax-like stems and mid-ribs, which may be cooked like Asparagus, or made into most attractive pickles. Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

No vegetable requires less care than this, and it is safe to say that none yields as constantly as this Spinach, producing uninterruptedly from July until Fall.



MAMMOTH WHITE BUSH.

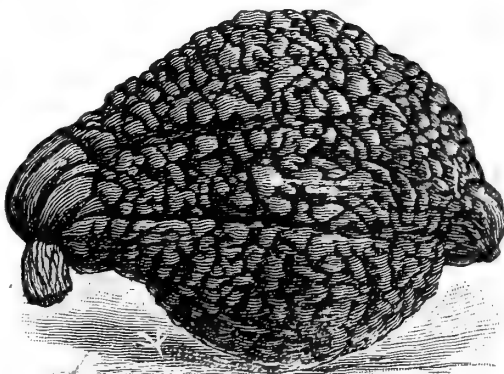
Our seed of this has been carefully selected by a reliable market gardener for a number of years. A very select and profitable strain for market. Lb., 85c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

MAMMOTH GOLDEN BUSH.

Early, pale yellow, very handsome and uniform. Our strain of this is the best of all the very early squashes. Lb., 85c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

FAXON'S BRAZILIAN.

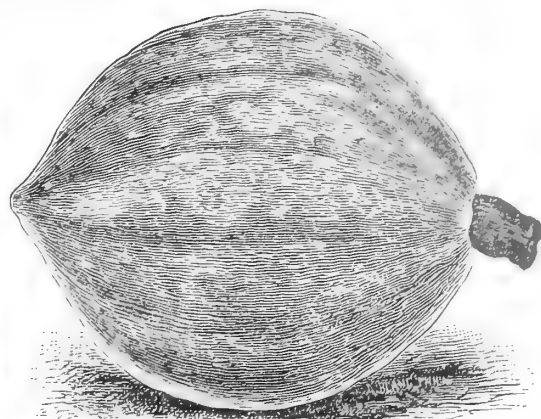
It is remarkably prolific in habit; quality, dry and rich, without regard to the size, coloring or time of ripening of the fruit—something entirely different in this respect from any other Squash. Its valuable points are "earliness, long-keeping and high table qualities." We are recommending it to all for general use in the home garden. Lb., 75c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.



CHICAGO WARTED HUBBARD SQUASH.



SWISS CHARD, OR SUMMER SPINACH.



CHICAGO ORANGE MARROW SQUASH.

CHICAGO ORANGE MARROW.

It is at least ten days earlier than any other long-keeping sort. It grows as large as the Hubbard, and is of a good quality. It is in season from September to January, and is the most salable kind during that time in the market. This is owing to its smooth and handsome shape, good size and orange skin. We know that it will satisfy all. Lb., 70c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c. By express, lb., 60c.; 5 lbs., \$2.80; 10 lbs., \$5.50.

THE "GOLDEN BRONZE."

The Squashes average from 8 to 10 lbs.; color, a dark grayish green, flesh bright golden yellow, fine grained, very sweet and of delicious flavor. Early in maturing, a splendid keeper and very uniform in size and shape. Lb., \$1.35; ¼ lb., 40c.; 2 ozs., 25c.; oz., 15c.; pkt., 10c.

HARD SHELLED MARROW.

The fruit is very large, oval, deep orange red color, and though quite smooth has as hard a shell as the Hubbard. The flesh is very thick, rich orange-red color and has no equal for making pies, having a peculiar flavor and quality similar to, but much finer than that of the choicest pumpkin. Lb., \$1.35; ¼ lb., 40c.; 2 ozs., 25c.; oz., 15c.; pkt., 10c.

BOSTON MARROW.

This is a widely popular Squash for Autumn and Winter use. Its color is a bright orange. Flesh yellow, rich and sweet. Form oval, the skin is thin, but it is a good keeper and unexcelled for pies. Lb., 80c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

VEGETABLE MARROW.

Fine for cooking. The light yellow skin is very thin; flesh salmon. A good winter keeper. Shape quite similar to Golden Oblong Pumpkin. Lb., \$1.10; ¼ lb., 35c.; oz., 15c.; pkt., 5c.

RED OR GOLDEN HUBBARD.

A perfect type of the Green Hubbard, except in color, which is a bright, deep orange-yellow, very showy and attractive. Flesh deep golden yellow, much richer in color than Hubbard, fine grained, cooks very dry, and is of excellent flavor. Its keeping qualities are fully equal to, while in productiveness it far excels the Green variety. Lb., \$1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c.

STANDARD SORTS.

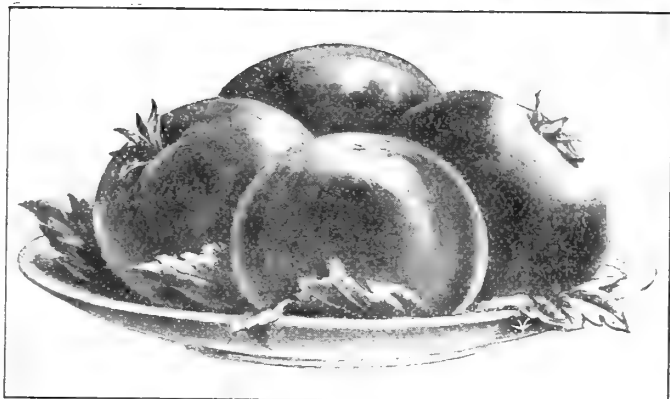
Essex Hybrid, Early White Bush, Marblehead, Early Yellow Bush, Summer Crookneck, Straightneck. Each, per pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 85c.

"LUCULLUS." GIANT PERPETUAL SPINACH BEET.

Of gigantic growth, producing an abundance of large, moss-curl leaves. This new variety of Spinach should be planted by every one. Spinach is such a favorite with everybody, and this fine new vegetable will furnish it from early Spring until late in the Fall. The ribs of this kind are very broad and can be served as asparagus. Pkt., 10c.; 3 for 25c.

SCOLYMUS. A vegetable from Spain. The roots resemble a small Parsnip, and will keep through the winter like a Turnip. It is cultivated exactly like the Carrot, except that it should be grown in rows 3 feet apart and 18 inches in the rows. It is eaten boiled, like Salsify. Pkt., 10c.; ½ oz., 15c.; oz., 30c.; 2 ozs., 50c.

VAUGHAN'S



✓ ACME.

Vaughan's Selected Stock.

One of the most popular kinds on our list, giving entire satisfaction. A favorite everywhere; large, round, smooth, slight purple tint; one of the best. Our seed has been grown with particular care and we know there is none better. Lb., \$2.25; ¼ lb., 70c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

BEAUTY.—The Smoothest and Best of the Large Purple Sorts. Vines large, vigorous and heavy bearers; fruit large, uniform in size, very smooth, color of skin purplish-pink; flesh light-pink and of excellent flavor. Lb., \$2.25; ¼ lb., 70c.; 2 oz., 35c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

PERFECTION.—Solid flesh, always smooth and of blood-red color. This is a general favorite, equally desirable for the home garden, for shipping and for canning. We have an exceptionally choice stock of this sort. Lb., \$2.25; ¼ lb., 70c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

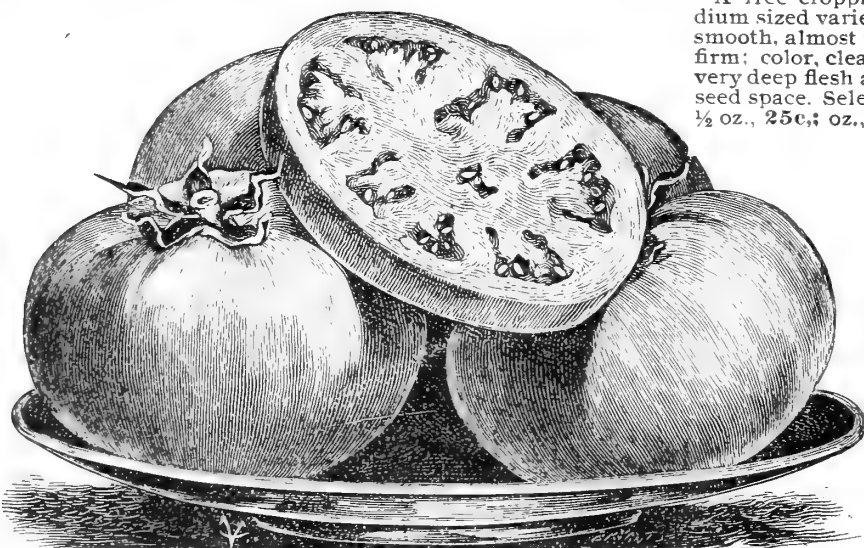


Sutton's Best of All

One of the very best for under glass culture. It sets very freely and is an immense cropper, producing heavy bunches of fruit at short intervals all over the plant. Color, a deep scarlet, of good size, and the fruit very solid and producing very little seed. Pkt., 10c.; ½ oz., 25c.; oz., 50c.

Frogmore Selected Forcing.

—A free cropping, free setting, medium sized variety, very uniform and smooth, almost round, solid and very firm; color, clear bright scarlet, with very deep flesh and remarkably small seed space. Selected seed. Pkt., 15c.; ½ oz., 25c.; oz., 50c.

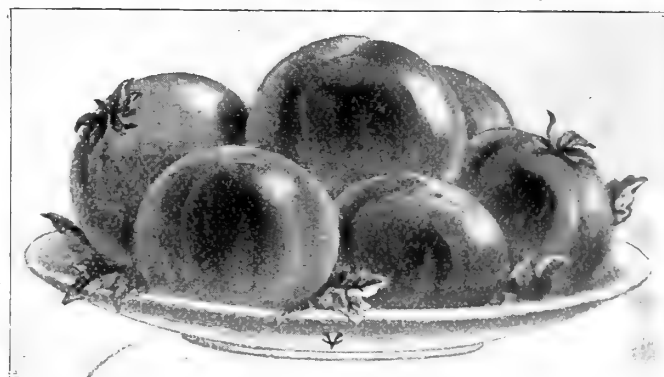


HONOR BRIGHT. (Best Selected stock.)



TOMATO SEED

SEE ALSO NOVELTIES.

✓ EARLY DWARF CHAMPION,
or Tree Tomato.

A great favorite; its dwarf habit and upright tree-like growth permit close planting. Resembles the Acme, and is hard to beat for home use. Color, purplish pink; smooth and symmetrical; fine quality and solid meated. This is the kind gardeners should grow who sell tomato plants. Its stalky, tree-like growth makes most salable plants, out-selling other kinds of lanky, scraggly growth. Lb., \$3.25; ¼ lb., 90c.; oz., 30c.; ½ oz., 15c. pkt., 5c.

NEW DWARF SCARLET CHAMPION

In every way like the above, but the fruit is scarlet instead of purple. Pkt., 10c.; ½ oz., 20c.; oz., 30c.

ATLANTIC PRIZE.

It follows closely Vaughan's Earliest of All, and comes in advance of such standard kinds as Acme, Beauty, etc. It bears in clusters, is of good size, smooth, round, and of a fine scarlet color. Choicest seed from specimen fruits. Lb., \$2.25; ¼ lb., 65c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

✓ VAUGHAN'S EARLIEST OF ALL.

Vaughan's selected strain. The earliest good tomato.

We have found it absolutely the earliest of 200 kinds; it is of medium size only and is somewhat wrinkled, hence cannot be planted largely for market, as it will not sell with main crop varieties when they come; but it certainly should be used in a small way by every planter for a first early. ¼ lb., 95c.; oz., 30c.; ½ oz., 15c.; pkt., 10c.

✓ HONOR BRIGHT. The best for late crop
and distant markets.

An enormous bearer of uniformly good fruit. This, when allowed to ripen on the vine, is of excellent quality, and when ripened off the vine, while in transit to some distant market, or on the shelves in the house, after frost has killed vines, is of better quality than that of most kinds so ripened. Lb., \$2.75; ¼ lb., 75c.; 2 oz., 40c.; oz., 25c.; ½ oz., 15c.; pkt., 5c.

✓ CREAM CITY, the first large tomato to ripen.

Remarkably prolific; flesh thick and solid. In this new tomato we have a variety of exceptional merit, coming into use about a week earlier than Acme. It is perfectly smooth and always round, and as large as Perfection. The plants are strong and vigorous, bearing an abundance of large, smooth fruit of a beautiful purplish crimson color, similar to Acme. The flesh is remarkably thick, firm and solid, and of very fine quality, with very few seeds. It is an excellent shipper. Does not crack or rot, as is the case with many of the old sorts. The Cream City is the most profitable tomato for the market gardener and trucker, and is unsurpassed for canning purposes. Pkt., 10c., 3 for 25c.; ½ oz., 30c.; 1 oz., 50c.; 2 ozs., 80c.

THE NEW STONE.

VAUGHAN'S IMPROVED STRAIN.

The Tomato for a Main Crop. Choicest seed. We call this the king of the Livingston kinds, which are the best types of large, smooth, solid, "beefy" tomatoes. If asked to select one main crop, market sort, we advise this. Color fine scarlet, stem (calyx) set high, core small and shallow, so that but little is lost when it is taken out of the fruit before slicing. We want to make what we say of this kind definite, because there are very many good kinds, and a long list is confusing. If in doubt, buy the New Stone for market, or home use for that matter. Lb., \$2.10; ¼ lb., 65c.; oz., 25c.; ½ oz., 15c.; pkt., 10c.

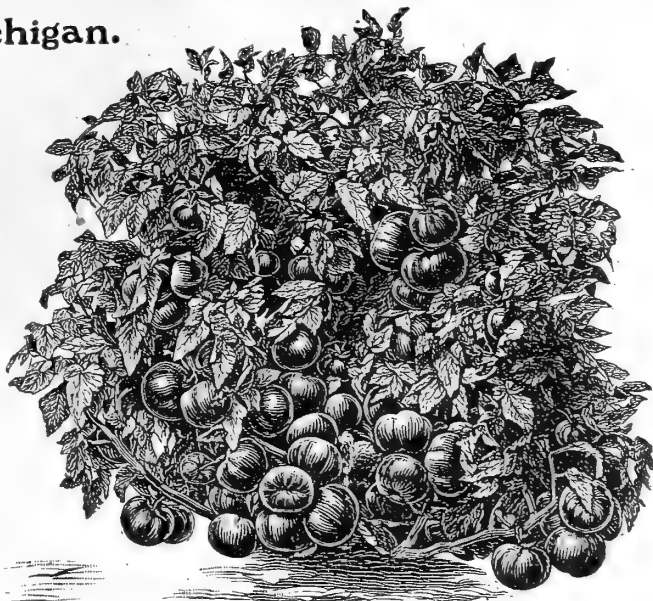
✓ "MAGNUS."

This new variety, of the color of Beauty and Acme, is thicker, heavier, and more solid than either, making it easily the most handsome sort in cultivation. It is unsurpassed in quality and in the production of fine large fruits. While perfectly adapted to main crop planting, yet it matures so quickly that it will take first rank for early market. The form is perfect, uniform, large and attractive. Flesh is very firm. It is a robust grower, with short joints, setting its fruit clusters closer together than most varieties and is therefore a heavy cropper. The fruits are very deep from stem to blossom end, many of them being almost globe-shaped. It ripens evenly, does not crack about the stem, and the flavor is most desirable. It has been tested for several years for staking up in the open field, as well as for forcing in greenhouses, and it is splendidly adapted to such purposes. Lb., \$3.00; ¼ lb., 85c.; 2 oz., 50c.; oz., 30c.; ½ oz., 15c.; pkt., 10c.

TOMATO. Continued.

Early Michigan.

There is no better variety than this for the general market or family use. For smoothness and regularity of shape, uniformity of size, color, and freedom from rot or cracking, this variety is unsurpassed. Its first fruits are very early, but the vines continue to bear for a long time. Vines large, with large, dark green leaves, vigorous and wonderfully productive, being under high culture, one of the heaviest croppers; fruit medium size to large, and unlike most varieties, grows larger as the season advances; perfectly smooth; solid, but without any core; deep, rich red color, and of excellent flavor. This kind is admirably adapted to canners' use. **Lb., \$2.60; 1/2 lb., 75c.; 2 ozs., 45c.; oz., 25c.; pkt., 10c.**



DWARF ARISTOCRAT.

Spark's Earliana.

The Earliest Large, Smooth, Red Tomato.

This Tomato is not only remarkable for its earliness but for its very large size, handsome shape and bright red color. Its solidity and fine quality are quite equal to the best medium and late sorts. From less than 4,000 hills the originator realized from his first pickings \$725.00 clear of freight and commission, being in the market fully a week before all others. **Lb., \$6.50; 1/2 lb., \$1.75; 2 ozs., \$1.00; oz., 60c.; 1/2 oz., 35c.; pkt., 10c.**

Dwarf Aristocrat. This is practically a red variety of the Dwarf Champion. In size, solidity, productiveness and flavor it is up to the best standard. It will be found good under glass and for early market out-of-doors. It may be planted 3x3 feet or even closer, making it suitable for small gardens. **Lb., \$2.75; 1/2 lb., 75c.; oz., 25c.; 1/2 oz., 15c.; pkt., 5c.**

Crimson Cushion, or Beefsteak Tomato. Fruit very large, round and regular; bright scarlet color, flesh solid and of best quality; cells small and few in number. The plants are very productive. The fruit is of fine form and appearance, and will stand shipment well. **Lb., \$3.50; 1/2 lb., \$1.00; oz., 30c.; 1/2 oz., 15c.; pkt., 5c.**

The Enormous.

The fruit grows very large and very smooth, with solid meat and few seeds. It is oval in shape rather than round, like "Stone." It is very solid for so large a Tomato, and keeps well on vine after ripening; has rather few seeds and ripens with the common varieties and ripens all over and through at one time. The color is clear, deep red, without purple tint or shading. It is the largest of all Tomatoes, the hardiest, and one of the best keepers and shippers. On account of its peculiar growth of having one very strong main vine it is well adapted to growing to single stem. **Lb., \$3.25; 1/2 lb., 90c.; 2 ozs., 50c.; oz., 30c.; 1/2 oz., 15c.; pkt., 10c.**

Well-Known Standard Varieties.

Per Pkt., 5c., of any of the Following:

	1/2 oz.	1 oz.	1/4 lb.	1 lb.
Favorite. Large, early, smooth.	\$0.12	\$0.20	\$0.60	\$2.25
Fordhook First. A good first early	.12	.20	.65	2.35
Golden Queen. Rich deep yellow	.12	.20	.60	2.00
Ponderosa. Largest and neatest	.20	.30	.95	.....
Trophy. The old favorite	.15	.25	.65	2.40
Red Currant. Small	.15	.25	.....	.....
Cherry, Yellow Pear and Red Plum	.15	.25	.....	.....
Rosalind. Medium early productive	.12	.20	.65	2.40
Vaughan's Model. See novelties.				
Early Freedom. As early as Atlantic Prize	.15	.25	.80	2.75
The Thorburn Century. Pkt., 10c.	.20	.35	.95	.....
The Lorillard, for forcing	.15	.25	.85	.....

The Two Peach Tomatoes.

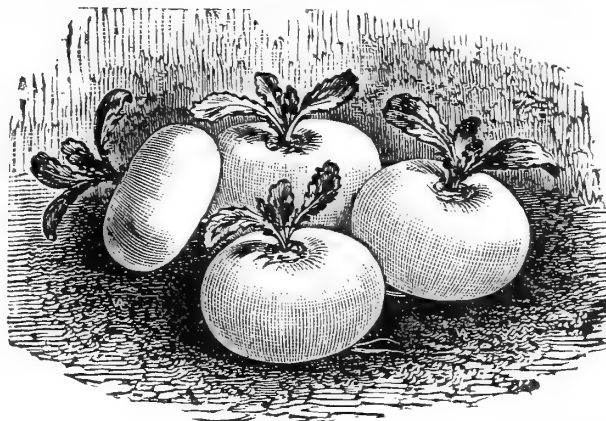
The fruit is of uniform size, resembling a peach in shape, size and color, one of which is a deep rose blended with orange amber, and the other clear lemon-yellow. It is desirable for eating from the hand. The skin is thin and peels off like that of a peach. Each, red or yellow Peach, oz., 35c.; 1/2 oz., 20c.; pkt., 10c.; both kinds mixed, pkt., 10c.; 3 for 20c.

Ground Cherry, or Husk Tomato.

This is much liked by many for preserves and for eating from the hand. The seed we offer is from the true yellow Ground Cherry; very prolific. Besides its use for preserves it makes good pies, and is very fine dried in sugar. **Oz., 20c.; 1/2 oz., 12c.; pkt., 5c.**

OUR TOMATO SEED has all been grown by Tomato Specialists, who plant for seed only. It is not as cheap as that from canning factories, but it is **GOOD** and **RELIABLE**, and will give satisfaction.

TURNIP.



WHITE MILAN—THE EARLIEST OF ALL

After the last cultivating. From three to four pounds will sow an acre. For soiling there is nothing better and cheaper; sown at the rate of five pounds, the cost will be but \$1.50 per acre and the result will be worth more than ten times as much.

Write for Special Prices on Larger Lots.
Pound and 1/4 Pound Prices Include Postage.

White Milan—The Earliest of All.

Among the finer Turnips we know this takes the first rank by its unexcelled earliness and its beautiful shape. It is so smooth and neat as to look polished by hand, and the scant short (entire) foliage forms a becoming ornament to the fine root. **Lb., 85c.; 1/4 lb., 25c.; oz., 10c.; pkt., 5c.**

Purple Top Milan. Earliest variety after the Red Top type. Color, white; purplish-white top. **Lb., 60c.; 1/4 lb., 20c.; oz., 10c.; pkt., 5c.**

Early Purple Top, Strap Leaved.

This is an early variety and a great favorite for table use; form flat, like a broad disc in shape, and of medium size; color, purple or dark red above ground, white below; flesh, white, fine grained and tender; leaves, few, entire, upright in growth. **Lb., 45c.; 1/4 lb., 15c.; oz., 10c.; pkt., 5c., postpaid. By express, lb., 35c.; 5 lbs., \$1.50; 10 lbs., \$2.75.**

Purple Top White Globe.

A variety which originated from the purple top, flat Turnip. It is globular and nearly as large as the Pomeranian White Globe, of beautiful appearance, of most excellent quality, and equally desirable for table or stock. It keeps well and is a fine market sort. **Lb., 50c.; 1/4 lb., 15c.; oz., 10c.; pkt., 5c., postpaid. By express, lb., 40c.; 5 lbs., \$1.85; 10 lbs., \$3.65.**

Cow Horn or Long White. This variety is pure white, except a little shade of green at the top, and is carrot-like in form, growing nearly half out of the ground and generally slightly crooked. It is delicate and well flavored, of very rapid growth, and has obtained considerable favor as a market sort for Fall and early Winter use. **Lb., 60c.; 1/4 lb., 20c.; oz., 10c.; pkt., 5c.**

White Egg. A quick-growing, egg-shaped, perfectly smooth, pure white variety, growing half out of the ground, with small top and rough leaves. The flesh is very sweet, firm and mild, never having the rank, strong taste of some white varieties. **Lb., 60c.; 1/4 lb., 20c.; oz., 10c.; pkt., 5c.**

Rhode Island Rock.

THE WONDERFUL KEEPING TURNIP.

In this new variety we have a great improvement on the White French Turnip, made after years of selection by a Rhode Island market gardener. It is fully three weeks earlier than any other turnip of its class, and can be planted later to follow such crops as peas, corn, beets, etc. It is very hard and solid, flesh pure white, fine-grained, brittle and sweet. Its crowning point, however, is its wonderful keeping qualities, excelling all other turnips in this respect. **Pkt., 5c.; oz., 10c.; 2 ozs., 15c.; 1/4 lb., 25c.; lb., 80c.**

Early White Flat Dutch.

STRAP LEAVED.

A most excellent early garden variety and largely used in the Southern States. Roots medium sized, flat; color, white, very early, sweet and tender. It is desirable for table use, but is spongy and inferior when overgrown. **Lb., 45c.; 1/4 lb., 15c.; oz., 10c.; pkt., 5c.**

Early Snowball. Small, rapid grower; pure white. **Lb., 50c.; 1/4 lb., 15c.; oz., 10c.; pkt., 5c.**

White Norfolk. Globular late, solid. **Lb., 50c.; 1/4 lb., 15c.; oz., 10c.; pkt., 5c.**

Yellow Aberdeen. **Lb., 50c.; 1/4 lb., 15c.; oz., 10c.; pkt., 5c.**

Pomeranian White Globe. **Lb., 45c.; 1/4 lb., 15c.; oz., 10c.; pkt., 5c.**

Golden Ball, or Orange Jelly. **Lb., 50c.; 1/4 lb., 15c.; oz., 10c.; pkt., 5c.**

Large Yellow, or Amber Globe. **Lb., 60c.; 1/4 lb., 20c.; oz., 10c.; pkt., 5c.**

Sweet German. **Lb., 50c.; 1/4 lb., 15c.; oz., 10c.; pkt., 5c.**

RUTABAGA OR SWEDE.

Vaughan's Improved.

From selected stock of a purple-topped variety of the largest size, best shape, with small neck and smooth skin; good cropper and keeper. **Lb., 50c.; 1/4 lb., 20c.; oz., 10c.; pkt., 5c. By express, 5 lbs., \$1.60.**

Hurst's Monarch.

For earliness, quality and weight it is superior to any variety in cultivation, producing from two to seven tons per acre more than any other Swede, while the large percentage of saccharine matter contained in the roots make it very palatable and nutritious to stock. **Lb., 50c.; 1/4 lb., 20c.; oz., 10c.; pkt., 5c.**

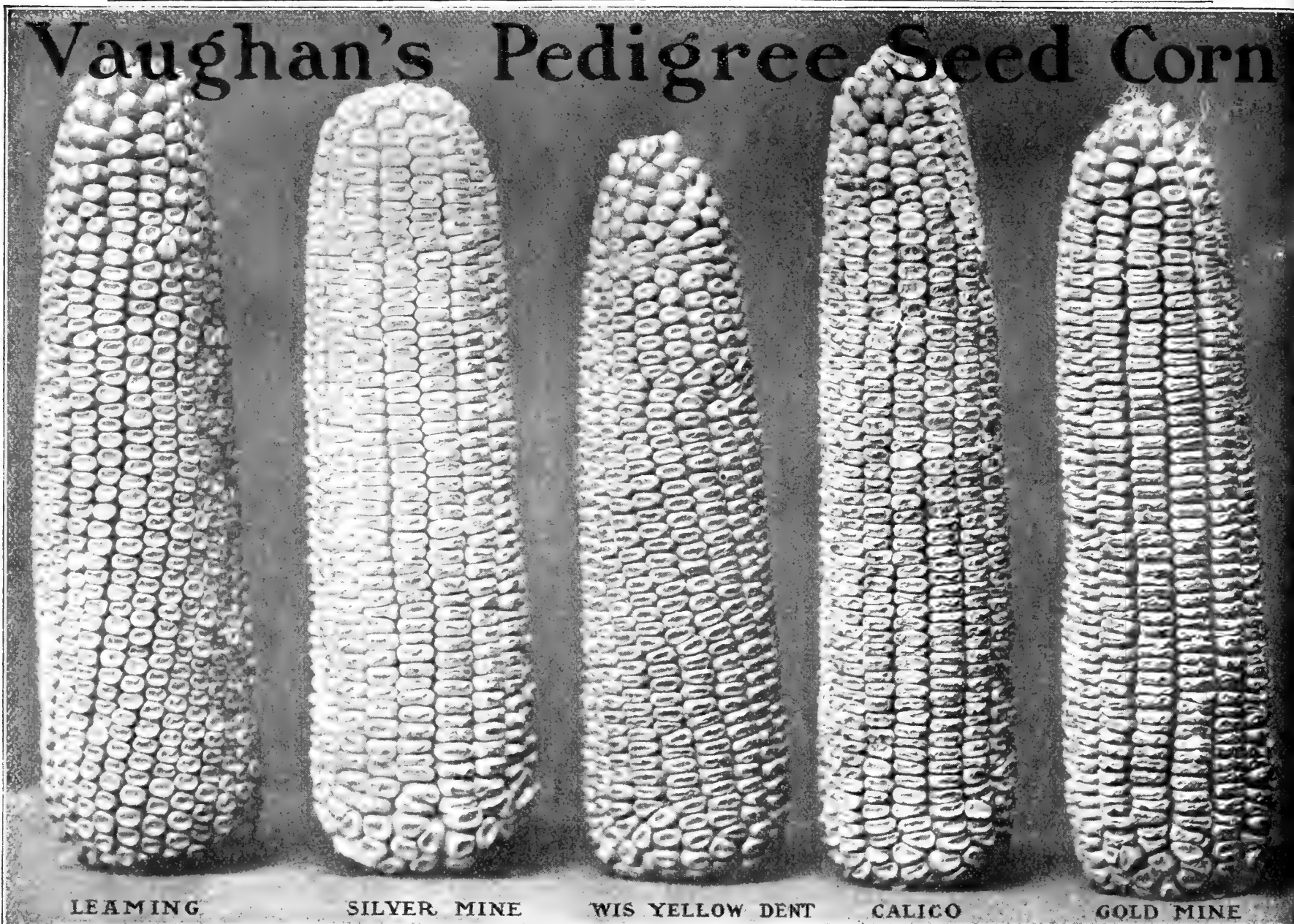
Laing's. **Lb., 50c.; 1/4 lb., 15c.; oz., 10c.; pkt., 5c.**

Carter's Imperial. **Lb., 50c.; 1/4 lb., 15c.; oz., 10c.; pkt., 5c.**

Skirving's. **Lb., 50c.; 1/4 lb., 15c.; oz., 10c.; pkt., 5c.**

Breadstone. **Lb., 70c.; 1/4 lb., 20c.; oz., 10c.; pkt., 5c.**

Vaughan's Pedigree Seed Corn



LEAMING

SILVER MINE

WIS YELLOW DENT

CALICO

GOLD MINE

THE following list of varieties suitable for all localities is as fine a one as ever was offered. Read the following list of new and standard kinds; all of proven high germination, and grown for us in localities suitable to produce a crop for our customers, both north and south. We offer a choice of several kinds for every locality. Prices include bags. Add 20c. per bushel to these prices if ordered from our New York Store.

LEAMING. (See Illustration.) A very popular large yellow Dent variety. The ears are 9-11 inches and nearly always two good ones to each stalk. Averages about 20 rows, has a deep kernel with small red cob. It is the ideal feeder's corn. Ripens in 100 to 110 days of good weather. Price, peck, 55c.; bu., \$1.75; 3 bu. lots, \$5.00. Postpaid, large pkt., 10c.; pint, 20c.; qt., 30c.

IOWA SILVER MINE. (See Illustration.) In this we offer one of the best standard White Corns in existence, surpassing in yield most kinds; (it is claimed to have produced 215 bushel per acre); it will mature in a fair season as far north as Dubuque, Iowa. It has shelled 64 lbs. of Corn to 6 lbs. of cobs. Customers who are looking for a big yield will do well to put in a good acreage of Iowa Silver Mine. We have a fine supply of prize stock at right prices. Price, peck, 55c.; bu., \$1.75; 3 bu. lots, \$5.00; 10 bu. lots, \$16.00; pkt., 10c.; pint, 20c.; qt., 30c.

WISCONSIN YELLOW DENT. (See Illustration.) This is the best Dent of its color for the south half of Wisconsin and similar Corn belts. It has been carefully grown and has as deep a grain and as large a percentage of grain to cob as is possible for such an early sort; red cob; color bright yellow. Average weight of ears about 9 and 10 ounces, with many rows, generally from 18 to 20 and often as high as 22; length of ears, 7½ in. Price, shelled, per bu., \$2.00; peck, 60c.; ½ peck, 35c. Postpaid, pkt., 10c.; pint, 25c.; qt., 35c.

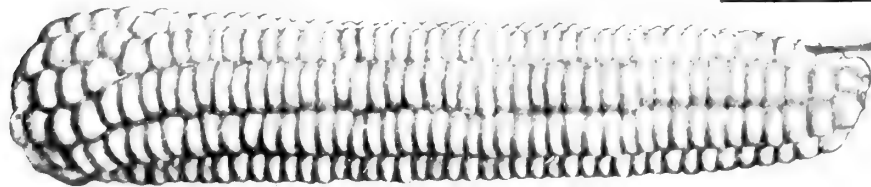
IMPROVED CALICO (Hybrid). (See Illustration.) This is a great feeder's Corn. Ears of medium size, varying in color from a dapple yellow to deep red. The kernels are broad, thick and deep; the cob is small. Matures in 110 to 115 days; abundant foliage, medium height. Price, ½ peck, 35c.; peck, 60c.; bu., \$2.00. Postpaid, pkt., 10c.; pint, 25c.; qt., 35c.

IOWA GOLD MINE. (See Illustration.) Now a standard yellow for central Corn belts. We have a very choice stock of this in fine order and suitable as to maturity all through Central Illinois, Iowa, and like sections, say as far north as Dixon and Cedar Rapids. Price, peck, 55c.; bu., \$1.75; 5 bu. lots, \$8.25. Postpaid, pkt., 10c.; pint, 20c.; qt., 30c.

LOP EAR WHITE DENT CORN (New). This very desirable pure white Corn is remarkable in that nine-tenths of the ears lop over when the Corn ripens. The husk at the top of the ear opens and allows the Corn to dry out quickly; thus it can stand in the field longer than other varieties. Can plant fairly late, as it matures readily in fair Corn season. Especially desirable for localities parallel to Champaign and Galesburg. Price, ½ peck, 35c.; peck, 60c.; bu., \$2.00; 3 bu. lots, \$5.75; pkt., 10c.; pint, 25c.; qt., 35c.

LEGAL TENDER. One of the best late varieties of Yellow Dent Corn. It has been carefully selected, is a good yielder, and has been improved in earliness. The ears are large, uniform in size throughout the length, deep grains and small cob. It matures in about 110 days of good Corn weather. Price, per peck, 55c.; bu., \$1.75; 3 bu. lots, \$5.00. Postpaid, pkt., 10c.; pint, 20c.; qt., 30c.

EARLY YELLOW DENT, "LONGFELLOW." We have a Longfellow Flint variety, but in this new early we offer a true Dent with ears 12 in. long. It is nearly as early as Pride of the North, but is double the size and makes a larger yield. Grains not very deep, but ears handsome and sells well from wagon on the market. Excellent for Northern Illinois, Northern Iowa, and similar Corn belts. Price, ½ peck, 35c.; peck, 60c.; bu., \$2.00. Postpaid, large pkt., 10c.; pint, 25c.; qt., 45c.



RHODE ISLAND WHITE CAP FLINT.

WILL'S JEHU 70-DAY. This is probably the earliest valuable Yellow Flint Corn we have. It has won first premium in Dakota for best yellow for that climate. Pkt., 10c.; pint, 25c.; qt., 40c., postpaid. By express, ½ peck, 45c.; peck, 75c.; bu., \$2.50.

LONGFELLOW FLINT. A beautiful 8-rowed Yellow Flint. Ears from 10 to 15 in. long; very prolific. Price shelled, large pkt., 10c.; pint, 25c.; qt., 35c., postpaid. Peck, 65c.; bu., \$2.25.

RHODE ISLAND WHITE CAP FLINT. This is the white Flint variety used in New England for hominy and hulled corn; for table quality, flavor and sweetness it is the best variety of Indian Corn. Its ample foliage makes it desirable for ensilage and fodder. Price on ear, bu., \$2.00; peck, 60c.; shelled, bu., \$1.85; peck, 55c.; qt., 35c.; pint, 25c.; pkt., 10c.

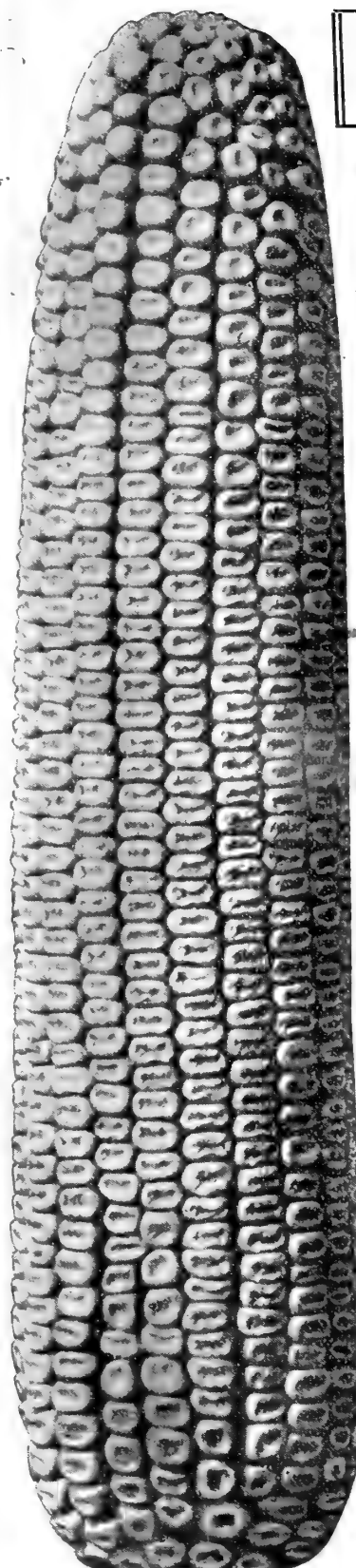
GIANT LONG FLINT. A tawny and smoky white variety, one of the best for ensilage and fodder because of its suckering habit and breadth of blade. Price, ½ peck, 35c.; peck, 60c.; bu., \$2.00. Postpaid, large pkt., 10c.; pint, 25c.; qt., 35c.

GOLDEN DEW-DROP. A handsome, bright, yellow, 8-rowed Flint. Price shelled, large pkt., 10c.; pint, 25c.; qt., 35c., postpaid. Peck, 60c.; bu., \$2.00.

KING PHILIP. (Reddish Flint.) Price shelled, pkt., 10c.; pint, 25c.; qt., 35c., postpaid. Peck, 60c.; bu., \$2.00.

SEED CORN

Vaughan's
Pedigree



REID'S YELLOW DENT

PRIDE OF THE NORTH. (See illustration.) Earliest Yellow Dent of good size. Will make a first-class crop of Corn farther north than any other Dent. Can be used in middle sections successfully for late crop. Will mature in 90 days of Corn weather. Originated in extreme northern Iowa. Often yields two good ears. Its deep grain and small cob make it really a heavy yielder. Price, per 3 bu. lots, \$5.75; bu., \$2.00; peck, 60c.; Postpaid, pkt., 10c.; pt., 25c.; qt., 35c.

REID'S YELLOW DENT. (See illustration.) The great prize-winning Show Corn. Brought to Illinois in 1846 from Ohio. Now the most popular and most uniformly distinct type of Yellow Dent for Northern Central Illinois (in fact for the whole State), and similar Corn belts. Fifty years of careful selection has resulted in remarkable evenness in appearance of ears. It is more accurately described as follows: Ear 9 to 10 in. long, 7 in. around, 18 to 24 rows with narrow space between rows; deep grains with small cob well filled at butt and tip. Price, ½ peck, 30c.; peck, 55c.; bu., \$1.75; 3 bu. lots, \$5.00; 10 bu. lots, \$16.00. Postpaid, large pkt., 10c.; pt., 20c.; qt., 30c.

SNOW WHITE DENT. (See illustration at bottom.) A remarkably high yielding pure white Corn. Ears average 10½ in. long and 7¼ in. circumference. Stalks are never barren but are bred to produce but one ear in which the plant puts all its energies. Often yields 100 bushels to the acre. In every way it is the best Milling Corn in the world. It is unequalled as a pure white middle section corn. Price, ½ peck, 35c.; peck, 60c.; bu., \$2.00; 3 bu. lots, \$5.75. Postpaid, pkt., 10c.; pt., 25c.; qt., 35c.

SURE CROP YELLOW DENT (New). (See illustration at bottom.) Very early. Has ripened in less than 90 days of good Corn weather. The ears are large, 14 to 20 rows. The kernels are long, bright yellow and the cobs are very small. A very heavy yielder for an early sort. We have fine northern grown seed. Price, ½ peck, 35c.; peck, 60c.; bu., \$2.00; 3 bu. lots, \$5.75. Postpaid, large pkt., 10c.; pt., 25c.; qt., 35c.

KING OF ILLINOIS. A bright, yellow Dent, grown and carefully selected for 12 years in South Central Illinois. A cross between Leaning and an earlier variety. The ears average 10 to 11 in. in length with 20 rows, a very deep grain and dark cob. The rows are straight and the ear even in size almost to the tip. Has taken the first prize every time in its own county and four times in the State. Corn is King of Illinois and this is King of Southern Illinois Corns. Matures in 100 to 110 days good weather. Price, peck, 55c.; bu., \$1.85; 3 bu. lots, \$5.25. Postpaid, large pkt., 10c.; pt., 20c.; qt., 30c.

EARLY GOLDEN SURPRISE CORN. Business men are constantly on the lookout to increase their net profits by eliminating waste. Here we have a Corn bred with the idea of economy in mind. By long and careful selection we now have an extremely small cobbled, deep kerneled, even sized from tip to butt Corn. All the essential points of value to the farmer are still maintained. Beauty—it has a smooth ear with rich golden color. Earliness—a true ninety-day Corn, can be relied on throughout all regions south of a line drawn from Cleveland, Ohio, to Peoria, Ill. Convenient—has a short, strong growth, ears easy to break off. Fodder—broad, closely set leaves make it a desirable fodder corn. Price, ½ peck, 35c.; peck, 60c.; bu., \$2.00; 3 bu. lots, \$5.75. Postpaid, pkt., 10c.; pt., 25c.; qt., 35c.

MASTODON DENT. It is one of the largest of the Early Dent Corns. It is also very even in type, deep grained and a remarkable yielder. Has been improved in earliness so that it now ripens in about 110 days. Price, pkt., 10c.; pt., 20c.; qt., 30c., postpaid. ½ peck, 35c.; peck, 55c.; bu., \$1.75; 3 bu. lots, \$5.00.

HICKORY KING CORN. Has the smallest cob and largest grains and is a most valuable and reliable white. It will shell more and weigh more to a given measure, make more ears to a stalk, and bear planting closer than any other field variety of White Corn in the world. It is suitable for Corn belts parallel with Central Illinois and South. Shells and husks easily and makes as much fodder to the acre as other kinds. Unusually productive. Pkt., 10c.; pt., 20c.; qt., 30c.; postpaid. Peck, 55c.; bu., \$1.75; 3 bu., \$5.00.

FODDER CORN. Bags, 15 cents each on Bushel Lots and over.

SWEET FODDER. There is nothing better for Summer and Fall green feed or for curing for Winter than Sweet Corn; being sweet and palatable, cattle eat every part of the stalks and leaves. A great favorite with dairy farmers. Also excellent for silage. Can be planted as other Corn or sown thickly in drills or broadcast. Sow ½ bushel per acre in drills; 1 to 1½ bushels broadcast. Peck, 95c.; bu., \$3.50; 5 bu., \$14.50.

"RED COB" ENSILAGE OR FODDER. This selection has a great reputation for this purpose. It has a deep red cob, strong, leafy stalks and short joints. Adapted to all sections of the country and a general favorite with thousands of dairy farmers. Peck, 40c.; bu., \$1.15; 5 bu., \$4.50.

VIRGINIA MAMMOTH WHITE HORSE TOOTH. Well known everywhere. Peck, 50c.; bu., \$1.50; 5 bu., \$7.25.

POP CORN. Selected Ears for Seed.

Price for any kind of Pop Corn, postpaid, pkt., 5c.; ½ lb., 12c.; lb., 20c. Not prepaid, lb., 12c.; 5 lbs., 40c.; 10 lbs., 65c.; 25 lbs., \$1.40; 100 lbs., \$5.00.

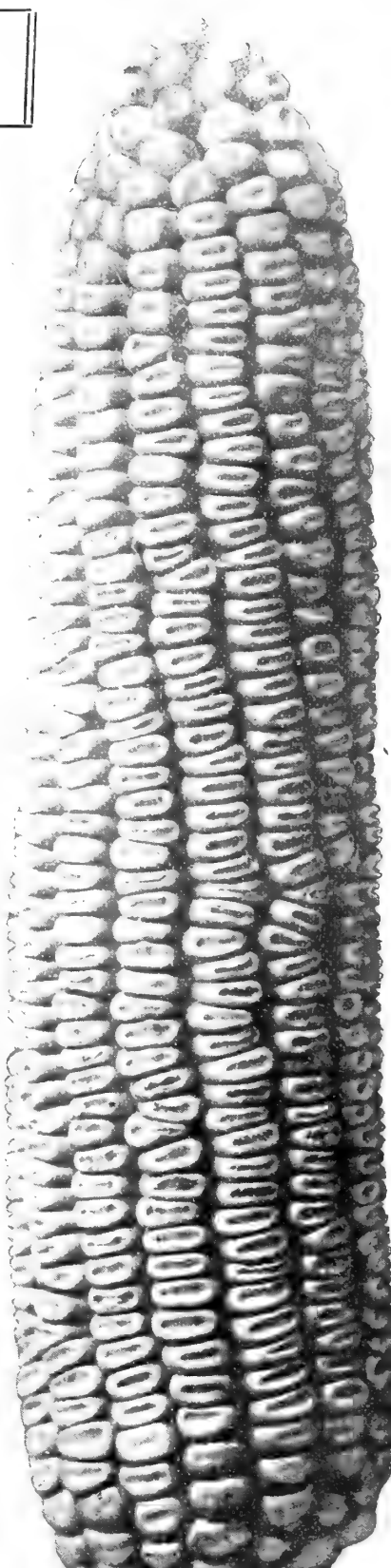
ILLINOIS SNOWBALL. An improved variety, very prolific; is best Pop Corn for home use.

WHITE RICE. The most popular for general use. The grain is pointed, pops white, is full, very productive and of excellent quality.

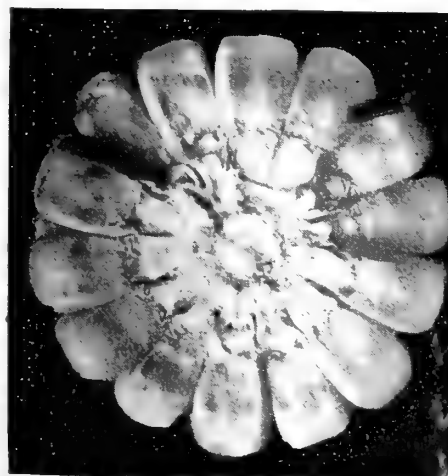
MAPLEDALE PROLIFIC. A great yielder. It pops pure white and is of good quality.

QUEEN'S GOLDEN. It pops perfectly white, and a single kernel will expand nearly one inch.

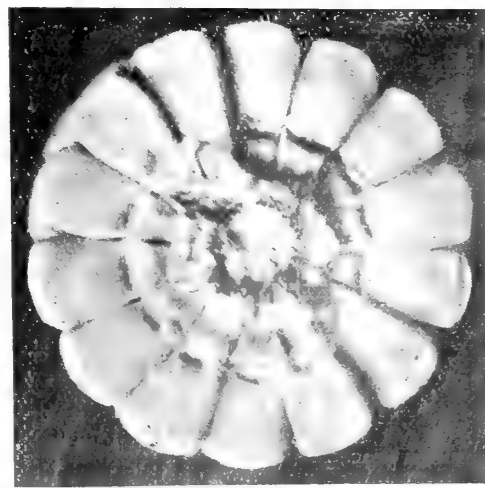
If you need a larger quantity of any of these Corns, write us for lowest prices.



PRIDE OF THE NORTH.



SURE CROP DENT.



SNOW WHITE DENT.

Vaughan's Collections of Garden Seeds

THESE COLLECTIONS CONTAIN ONLY CHOICE KINDS

Selected to Give a Continuous Supply of Fresh Vegetables throughout the Season.

COMPLETE VEGETABLE GARDENS FOR PLOTS OF VARIOUS SIZES.

THERE are so many varieties of each kind of vegetable that it is often difficult to choose the most satisfactory kind. The following collections contain standard sorts which we can confidently recommend. They have been chosen after careful consideration of the best sorts to give a satisfactory succession.

SINCE THESE COLLECTIONS are put up before the busy season, we can afford to furnish them at these especially low prices, but we cannot make any alterations in their composition.

WITH Every Collection

We enclose a copy of

Vaughan's Vegetable Garden

Giving plain directions for Sowing and Cultivating.

COLLECTION A.

FOR THE CITY GARDEN.

This collection contains 20 varieties.

Price, \$1.25 postpaid, or \$1.00 if sent at buyer's expense.

- 1 pkt. Bean, Stringless Green Pod.
- 1 " " Wax.
- 1 " Beet, Crimson Globe.
- 1 " Cabbage, All-Head.
- 1 " Carrott, Chantenay.
- 1 " Corn, Early Sweet.
- 1 " " Late " "
- 1 " Cucumber, White Spine.
- 1 " Lettuce, Black Seeded Simpson.
- 1 " Onion, White Globe.
- 1 " " Large Red.
- 1 " Parsley, Moss Curled
- 1 " Peas, Dwarf, Early.
- 1 " " " Medium.
- 1 " " " Late.
- 1 " Radish, 20-day Forcing.
- 1 " Squash, White Bush.
- 1 " Swiss Chard, or Summer Spinach.
- 1 " Tomato, Dwarf Champion.
- 1 " Turnip, Early Milan.
- 1 " Sweet Peas, Eckford's Mixture, gratis.

NEW DWARF NASTURTIIUM

"SNOW QUEEN."

OUR FREE NOVELTY

The first real White Nasturtium. This is a selection from Liliput, possessing its free-blooming qualities, size of flower and foliage. The plants grow in neat compact bushes, produce up to 75 flowers to a plant which are borne well above the light green foliage. When the flowers first open they are yellowish;

then they turn white on the edges and on the second day they are entirely a pure paper-white.

The above is the essence of our notes made at the field of "Snow Queen" when our representative visited our seed growers in Germany last summer. That half acre of Nasturtiums was a beautiful sight; millions of flowers were open at that time and the field looked like a white and green carpet. For six years had the originators been working on this new variety until its character was finally fixed. There was not a rogue in the field. We considered ourselves extremely fortunate in securing this novelty. We had a water color painting made of a plant in natural size and intended to color-plate it in this catalog. However, we found on our return home that for some reason the plants in our trials had not produced flowers of the same purity of color as we had seen at the originators. The flowers showed considerable yellow and cream together with white stains and blotches. We have therefore decided not to offer this novelty for sale until we have given it another season's trial.

We will send a package of this new Nasturtium, containing 10 seeds, free of charge with every order for flower seeds amounting to 25 cents or over, as long as the stock lasts which we have set aside for this purpose.

COLLECTION B.

FOR THE SUBURBAN GARDEN.

This collection contains 32 varieties.

Price, \$2.25, by express at buyer's expense.

Weight packed for shipment, about 5 lbs.

- 1 pint Bean, Stringless Green Pod.
- 1 " " Wax.
- 1 pkt. " Bush Lima.
- 1 " Beet, Crimson Globe.
- 1 " Cabbage, Early Wakefield
- 1 " " Danish Ballhead.
- 1 " Carrot, Chantenay.
- 1 " Celery, White Plume.
- 1 " Cucumber, White Spine.
- 1 " " Chicago Pickling.
- 1 " Lettuce, Curled Leaf.
- 1 " " Summer Head.
- 1 " Musk Melon, Rocky Ford.
- 1 " Water Melon, Coles' Early.
- 1 " Sweet Corn, Early.
- 1 " " Late.
- 1 qt. Onion Sets, White Bottom.
- 1 pkt. " Seed, Globe Danvers
- 1 " Parsley, Moss Curled.
- 1 " Parsnip, Hollow Crown.
- 1 pint Peas, Early Dwarf, Nott's.
- 1 " " Daisy, Medium.
- 1 pkt. Pepper, Sweet Mountain.
- 1 " Pumpkin, Vaughan's Sugar Pie.
- 1 " Radish, 20-days Forcing.
- 1 " " Crimson Giant.
- 1 " Salsify, Mammoth.
- 1 " Squash, White Bush.
- 1 " " The Hubbard.
- 1 " Swiss Chard, or Summer Spinach.
- 1 " Tomato, Tall Champion.
- 1 " Turnip, Early Milan.
- 1 oz. Bush Sweet Peas, Mixed, gratis.

COLLECTION C.

FOR THE FARM GARDEN.

This collection contains 47 varieties.

Price, \$5.00, by freight or Express at buyer's expense. Weight, about 15 lbs.

- 1 qt. Bean, Stringless, Green Pod.
- 1 " " Wax.
- 1 pint " Bush Lima, Large.
- 1 oz. Beet, Crimson Globe.
- 1 " " Half-long Winter.
- 1 pkt. Cabbage, Early Wakefield.
- 1 " " All-Head Summer.
- 1 " " Danish Winter.
- 1 oz. Carrot, Select Danvers.
- 1 pkt. Cauliflower, Vaughan's Snowball.
- 1 " Celery, White Plume.
- 1 " " Winter Queen.
- 1 pint Sweet Corn, Mammoth White Corn.
- 1 qt. " Early Champion.
- 1 " " Stowell's Evergreen.
- 1 oz. Cucumber, White Spine.
- 1 " " Chicago Pickling.
- 1 pkt. Egg Plant, Improved Purple.
- 1 " Endive, Green Curled.
- 1 " Kale, Dwarf, Green Curled.
- 1 " Kohlrabi, White Vienna.
- 1 " Leek, Rouen.
- 1 " Lettuce, Black Seed, Simpson.
- 1 " " Summer Heading.
- 1 oz. Musk Melon, Rocky Ford.
- 1 pkt. Water Melon, Cole's Early.
- 1 qt. Onion Sets, Yellow Bottom.
- 1 " " White Bottom (for green onions)
- 1 oz. Onion, Globe Danvers.
- 1 " " Southport Red Globe.
- 1 pkt. Parsley, Moss Curled.
- 1 oz. Parsnip, Hollow Crown.
- 1 qt. Pea, Nott's Excelsior.
- 1 " " Daisy or Dwarf Telephone.
- 1 " " Improved Stratagem.
- 1 pkt. Pepper, Sweet Mountain.
- 1 " Pumpkin, Sugar Pie.
- 1 oz. Radish, 20-day Forcing.
- 1 " " French Breakfast.
- 1 pkt. Salsify, Mammoth.
- 1 oz. Swiss Chard, or Summer Spinach.
- 1 pkt. Squash, Mammoth White Bush.
- 1 " " Hubbard, Warty.
- 1 pkt. Tomato, Earliana.
- 1 " " The Stone.
- 1 oz. Turnip, Early Milan.
- 1 " Rutabaga, Improved American.



Nasturtium, Queen of Tom Thumbs.

(Silver Variegated Foliage.)

This charming novelty produces flowers of a rich bright crimson which forms a very pretty contrast to the silver variegated foliage, and is a strikingly handsome and useful bedding or pot plant, even before coming into bloom; it is very free flowering and produces 90 per cent with true variegated foliage. It is very dwarf and compact, and is a great acquisition as a bedding plant. Award of merit, Royal Horticultural Society. Pkt., 10c.; 3 for 25c.

VAUGHAN'S SEED STORE AT THE LOUISIANA PURCHASE EXPOSITION.

Our displays of beds of Cannas, Roses, Phlox, Pansies, etc., at the St. Louis Exposition, will excel those made by us at Chicago, Omaha and Buffalo. These will be found around the Horticultural Building. Visitors will please ask for our representative at the office of the Horticultural Building.

EVERBLOOMING HOLLYHOCKS.

A strain of quick-blooming hollyhocks said to be of hybrid origin. Seeds sown under glass in March produced plants that came in bloom in July and continued in increasing vigor until cold weather. They are more vigorous at all stages than the usual type, sending out branches and developing buds at an increasing rate as the season advances. The flowers are double, semi-double and single, and the colors cover the whole range. The above are notes made by Dr. Van Fleet at the Rural New Yorker trial grounds, than whom there is no better judge on new novelties. Pkt. (30 seeds), 10c.; 3 for 25c.

FLOWER SEEDS Novelties and Specialties for 1904

A Trip Through Northern Europe

ONE of the members of our firm visited the seed and plant growing districts of all Northern Europe the past summer, calling on the principal growers and specialists. Such trips of critical inspection are invaluable to us and indirectly to you, for two reasons. We make certain of the purity of the seed that is being grown for us, and arrange all details of harvesting and transshipment so as to eliminate imperfection and error.

We get at the actual merits of the novelties by seeing them grown in quantity, where we can compare them with standard sorts growing under similar favorable conditions of soil, climate and care, for we do not intend to list any variety which is not in some important quality superior to all approved existing kinds.

The very complete notes made by our traveler have been utilized in revising our catalogue for 1904. Careful reading of the following pages, compared with the average lists offered, will illustrate the result of definite knowledge and conservative description.

We not only offer really good novelties, but with them our own specialties and many kinds little known in this country, which we deem of special value and worthy of introduction to our trade.

Our years of practical experience in this country and in Europe, continually reinforced, place us in the best possible position to satisfy the most critical lovers of gardening.



THE
CARLSON
ASTERS

THE "CARLSON" ASTER

EXTREMELY POPULAR WITH CHICAGO FLORISTS.

A SELECTION of the Pæony Flowered type. This new Aster is now the favorite in the Chicago cut flower market. The flowers are large and firm, the stems long and stiff, and the colors are decided and pleasing. The plants grow about 20 inches high and come in bloom before the Giant Branching Asters. 218, White; 219, Rose Pink; 220, Lavender; 221, Violet Blue; 222, Daybreak Pink. Each, pkt., 10c.; any 3 for 25c., or per ½ oz., 40c.

223. The above colors mixed. Pkt., 10c.; ½ oz., 25c.

HOHENZOLLERN ASTER

The finest type of the Giant Comet, or Ostrich Feather type of Asters. Much larger than the Giant Comet, the petals longer and more curled and twisted, and produced in greater abundance. Borne on long stems, which makes them cut flowers par excellence. 290, White; 291, Crimson, or 292, Pink. Each, pkt., 15c.; 1 pkt. each of the 3 for 35c.

Early Flowering Hohenzollern Aster

296. Like the above as to habit and shape of flowers, and about twice as large as the Queen of the Market, while just as early as that variety. One of our German seed grower friends writes us: "This is the most perfect of all Early Asters up to date." 296, Pure White; 296A, Pink. Each, per pkt., 15c.; 2 25c.

94.—*Angelonia*. Valuable cut-flower. The plants grow from 18 to 24 inches in height, and produce large, sweet-scented, pure white flowers in abundance. Pkt., 10c.

ANTIRRHINUM

110.—*Snow Queen*. A very pretty, very dwarf sort of the Snapdragon family, splendid for pots and for edging. The plants grow 8 inches high and produce beautiful white flowers all summer. Pkt., 10c.

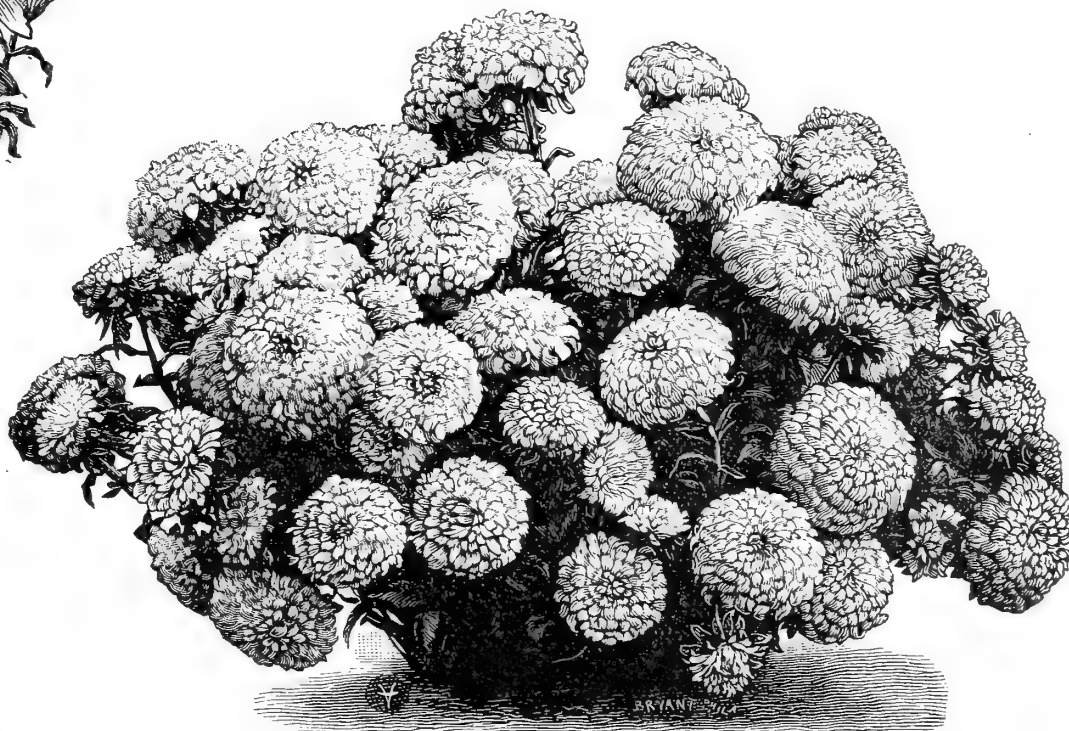
111.—*Queen Victoria*. The best of the tall-growing white Snapdragons for cut-flowers. The plants grow about 3 feet high, produce beautiful, large, white flowers on long slender stems through the entire season. Pkt., 10c.

51.—*Adenophora Potanini*. (*Canterbury Bell*.) Shrubby, slender flower spikes of 2 to 3 feet in height during July and August. Numerous, bell-shaped flowers, 1½ inches in diameter and of a beautiful light blue color. Splendid new hardy perennial. Pkt., 15c.; 2 for 25c.

123.—*Aquilegia Clematidea Hybrida*. (*New Clematis-Flowered Columbine*.) A new and beautiful type, single and double. The spurs have been eliminated. 60 per cent come true Clematidea. Pkt., 25c.; 3 for 65c.

Arnebia Cornuta. Bushy annual, 2 feet high. Flowers of rich yellow with black spots which change to maroon, and on the third day vanish, leaving the flower a clear, bright yellow. Pkt., 10c.

132.—*Asclepias Hallii*. Flowers similar to those of *A. Princeps*, but much larger. Pkt., 15c.; 2 for 25c.



VAUGHAN'S SNOWBALL 152. The Best Dwarf White Aster. Our illustration, which is engraved from a photograph, well shows the beautiful shape of the snow-white flowers and the free flowering habit of the plants. Pkt., 15c.; 2 for 25c.

Gloria or Buttonhole Aster

The plants grow to a height of 10 inches, are very branching and free blooming. As many as 40 flowers have been counted on many plants. The flowers are about 2½ inches in diameter, and are pure white with a brilliant scarlet margin. Pkt., 15c.; 2 25c.

WALDERSEE ASTER

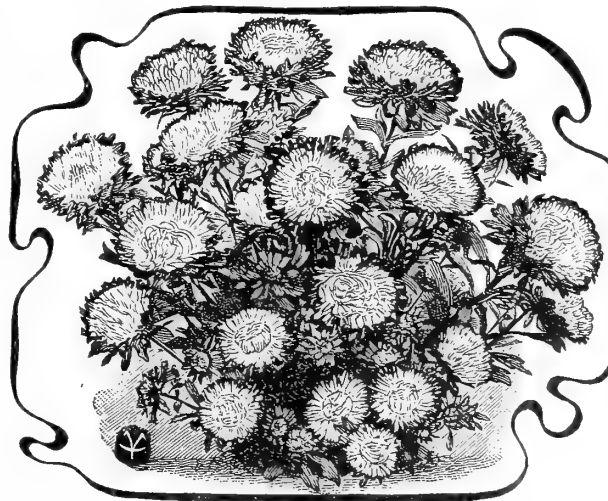
153. Plants grow only about 9 inches high, and are covered with small pink and white flowers. Splendid for pots and edgings. Pkt., 10c.

155. *Aster Daybreak*. This beautiful Aster is one of those rare gems that has come to stay. The flowers are round, large and full, on long stems; color a charming sea-shell pink, early and free. Pkt., 10c.; ½ oz., 30c.

224—*Surprise Aster*, "Sunlight." A most pleasing sulphur yellow, a color not often met with among Asters. Pkt., 10c.; 3 for 25c.

Special Offer F.41. One pkt. each, 223, 296, 152, 155 and 162 for 50c.

Special Offer FF.41. One pkg. each, 94, 110, 111 and 152 for 35c.



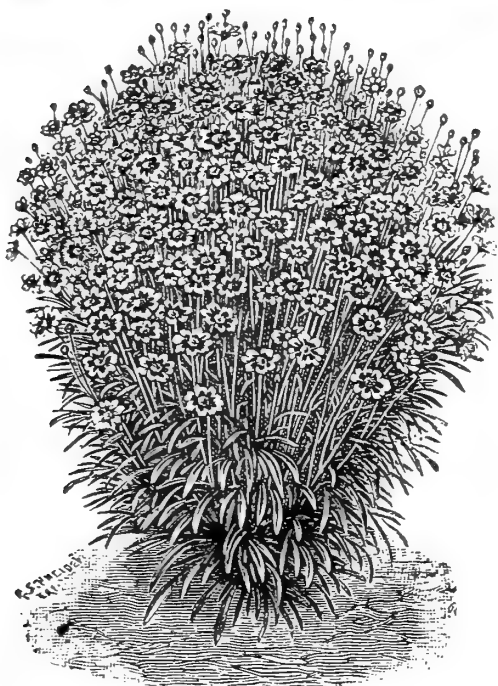
GLORIA OR BUTTONHOLE ASTER

VAUGHAN'S SPECIAL MIXTURES

All of "Vaughan's Special Mixtures" are made up by ourselves from separate colors and specially fine strains, combined in desirable proportions. We spare no trouble or expense to secure for them the newest and choicest sorts, the widest possible range of shade and color. "Vaughan's Special Mixtures" are full of life. We pride ourselves upon them.

Wherever this Name appears it means THE BEST IN EXISTENCE

CONTAIN THE BEST AND NEWEST SORTS



Calliopsis Hybrida Superba

359—These pretty plants form dense bushes (like illustration) about 16 inches high and are covered the entire summer with their beautiful flowers in all shades of yellow, orange to the deepest velvety brown. For groups, borders and pots and also as cut-flowers they are most desirable. Pkt., 500 seeds 10c.; 3 for 25c.

359A—*Calliopsis Coronata Maxima*. Splendid cut-flower. Pure golden yellow 2 to 3 inches across, on long wiry stems; hardy and blooms nearly all season. Pkt., 10c.

555—*Coreopsis Grandiflora "Eldorado."* An especially large flowering type of this splendid hardy perennial plant. Flowers, single golden yellow, borne on long wiry stems. Pkt., 10c.

Campanula Mirabilis

374—The most beautiful of the perennial Bellflowers. The plants grow about 2 feet high, forming densely branched pyramids. Each branch, even the smallest, produces a great number of large flowers of a lovely lilac color. When in full bloom the plants present a regular flowering pyramid with at least a hundred blossoms open at one time. It is a hardy perennial and prefers a sandy soil. Pkt., 25c.

375—*Campanula Garganica*. A very pretty Bellflower with lovely blue flowers, grows about 8 inches high and is a splendid plant for hanging baskets or the window garden. It is very free blooming and also suitable for the rockery, being very hardy. Pkt., 15c.

375½—*New Carnation "Gold Finch"*. This new Carnation produces very large and very double flowers and in six months from the time of sowing. The flowers are of great beauty, being golden yellow with pink and scarlet markings. One of the richest colored sorts among the Fancy Carnations. Pkt., 50 seeds, 25c.

Catananche

A very pretty cut-flower. The plants grow up to 3 feet high. The flowers are borne on long, stiff stems and quite freely produced. They are hardy perennials and the plants increase with age. 435, *Sky-Blue*, Pkt., 10c.; 436, *Pure White*, Pkt., 10c.; 436A, one Pkt. each of the two, 15c.

457A—*Centaurea Cyanus Alba Pl.* Double white Bachelor's Button, a splendid cut flower on long wiry stem. Large Pkt., 10c.

457B—*Centaurea Cyanus Coerulea Pl.* Double sky-blue Bachelor's Button. Beautiful color, splendid for cutting. Large Pkt., 10c.

459—*Centaurea Depressa. "Queen of Blue Bottles."* Resembles the Emperor Flower or Blue Corn Flower; the color, however, is of a more intensive blue and handsomely contrasted by a crimson center. The plants commence to bloom earlier than the ordinary Bachelor's Button and continue longer. Pkt., 10c.; ½ oz., 25c.

One of the best of the season's novelties!



Celosia Thomsoni Magnifica

444—This novelty represents the most perfect strain of the feathered or ostrich plumed Cockscombs. The plants have a true pyramidal branching growth, and the flower spikes vary in the most magnificent shades of colors, ranging from the clearest yellow to the darkest blood-red. Of great value for all decorative purposes in and out of doors. Pkt., 10c.

Chrysanthemum Multicaule

Yellow Dwarf Daisy

472B—This hardy annual grows about 8 inches high in dense little bushes and blooms all summer and fall. The flowers are golden yellow and measure from 1 to 1½ inches in diameter. It is a very effective dwarf plant. Pkt., 10c.



New Large-Flowering Calla

Calla Devonensis

Blooming Callas from Seed in One Year

351—The most beautiful and best Calla up to date, without a doubt. It is equally valuable for pots and cut. It produces from 3 to 4 times as many flowers as the older sorts.

The seedlings come true and will bloom profusely the first year. This Calla came from England about 6 years ago and is a great improvement on *C. Aethiopica*. Its willingness to bloom is phenomenal, while its culture is of the simplest.

One year old plants often produce from 6 to 8 flowers which are of great beauty. They are pure white, large and are borne on stout stalks. They are also good keepers. If sown at intervals of 4 to 6 weeks this Calla can be had in bloom all the year. Pkt., 25 seeds, 25c.; 3 for 65c.



Two Beautiful New Yellow Marguerites That Bloom the First Year.

Evening Star

485—Flowers pure golden yellow and from 3 to 4 inches in diameter, and of extraordinary durability. Bad weather has little or no effect on stem, the petals remaining firmly extended in rain and sunshine. It is of easiest culture, the plants bloom in about 10 weeks after sowing and continue until frost. It is a cutflower of the first rank; height 18 inches. Pkt., 10c.; 2 for 25c.; 5 for 50c.

Morning Star

484—A superb Marguerite (*Chrysanthemum Segetum*), with immense flowers of an attractive soft yellow or primrose. The plants produce a great number of flowers from early Summer to late Autumn. One of the most serviceable annuals for the garden, and it will furnish decorative material for use in the house. The flowers last a remarkably long time when cut. Hardy annual. Height 18 in. Pkt., 10c.; 3 for 25c.

Annual Chrysanthemum

"Chameleon"

473A—An extremely pretty, large-flowered new variety of this showy hardy annual. The ground color of the flowers is a light coppery-bronze with a bright purplish crimson zone during the first few days, the blackish purple disk being surrounded by a golden yellow circle; a few days later the coppery-bronze changes into a clear orange-cream, while the colorings of the zone and circle remain. These four distinct colors on one flower combined with the different colored flowers on one plant produce a beautiful contrast. Exceedingly effective when planted in groups and of great value for cutting purposes. Pkt., 10c.

473—*Chrysanthemum Golden Ball*. An annual Chrysanthemum which forms dense bushes 12 inches high by the same diameter. An extremely free bloomer, often having 50 open flowers to a plant; flowers double rich golden yellow. An excellent plant for summer and fall blooming. Pkt., 10c.

490—*Cineraria Maritima "Diamond."* This is one of the finest foliage bedding plants. The leaves are broad, snow white and lasting. It is distinctly superior to the older varieties. Height 1 foot. Pkt., 10c.

512—*Codonopsis Viridiflora*. A very free-blooming, hardy trailing plant, particularly adapted to rockeries. The flowers are bell-shaped, whitish green, gray and violet. Pkt., 10c.

437A—*Coxcomb, Dwarf Rose*, like President Thiers, but with delicate rose-colored combs. Pkt., 10c.

437B—*Coxcomb, Dwarf Golden Yellow*. A fine low-growing border plant. An excellent contrast with President Thiers. Pkt., 10c.

WAPPINGERS DAHLIA SOCIETY.

1903.
FIRST PRIZE.

AWARDED TO
Charles Scott
FOR *Best collection Single Dahlias*
E. Knapp Prize
Class. 28

Wappinger's Falls, N. Y., Sept. 29, 1903. It gives me pleasure to report upon the Dahlia Seed I purchased from you last spring. My entire collection of singles were grown from Vaughan's Seed and exhibited against blooms grown from bulbs. They got first prize by a large margin. The collection was superb. The expert who judged them said they were the finest he ever saw. Enclosed please find Prize Card from Wappinger's Dahlia Show which is second to none in this state at least. Chas. B. Scott.

Dahlia, Burbank's Selection

572—The seed we offer is of L. Burbank's own saving, and he writes "this seed will produce a greater proportion of large, clear, bright colored, perfect double flowers than any ever before offered; 90 per cent of good flowers can be expected." The colors are salmon, light and dark crimson, deepest purple to maroon and almost black, light straw, deepest yellow and a few white, mostly of the Cactus-type this season. Dahlias will bloom from seed the first summer, if sown before May. Pkt., (50 seeds) 30c.; 3 for 75c.

Roseville, Cal. Two weeks ago I picked the first blossom, (from seed of Burbank's selection of Dahlia) which was exactly 6 in. across, and a beautifully shaded cardinal. Mrs. Ed. Hammill.

New Dahlia, "20th Century"

573—The New Orchid Flowered Dahlia. The flowers are very large, single, 4½ to 6 inches in diameter, of perfect form and exquisite finish. The color is intense rosy crimson with white tips and white disc around the yellow center. The color contrasts are exquisitely lovely and can be compared with the beautiful orchids. The flowers have stems 2 to 3 feet long, keeping a long time after being cut in perfect condition. In addition to the rare beauty of the flower, it combines a sweet fragrance. Pkt., (20 seeds) 15c.; 2 for 25c.

New Dahlia "Collarette"

571—An entirely new race of Dahlias. This new type possesses round its disc a series of florets, producing a highly ornamental effect, hence the name "Collarette." The flowers are of various and unexpected colors. The proportion of plants which come true is very good. First prize, Paris Exhibition, 1900. Pkt., 15c.

Diascia Barberae

640—Extremely pretty and free flowering annual, a native of South Africa. Being of very easy culture and of rapid growth, the plants form many branched bushes of about one foot in height. The wonderfully shaped flowers, about three-quarters of an inch in diameter, present two spurs projecting from the back of the two lateral lobes of the lip and are of a rare pale pink or chamois-rose color. Planted in the open ground in May, the plants will bloom uninterruptedly from July to October. It is also a very showy and lovely plant when grown in pots. Pkt., 25c.

Some Very Choice Larkspurs

(Delphinium)

609—Semi-Dwarf Perennial Larkspur. (*Delphinium Elatum Hybridum Nanum*.) The fact that almost all Perennial Larkspurs grow to a height of 6 or 8 feet renders them unserviceable for many purposes, especially for bedding in the center of a garden. This semi dwarf class will be much more generally useful, as the plants never reach over 3 to 3½ feet in height and develop a splendid and long-continued show of bloom. They produce extra large flowers in all shades of blue, from the lightest sky-blue to the deepest indigo. They will bloom the first season if sown in good time. Pkt., 25c.; 3 for 65c.

603—*Delphinium Sibiricum Hybridum*. New Hybrids similar in growth and habit to the Chinese Larkspur, but producing much larger flowers of blue, light and dark violet and striped tints. When sown early, the seedlings will flower the same year. Pkt., 25c.



Burbank's New "Shasta Daisies"

582—The seed we offer is Mr. Burbank's own selection. They can be grown out of doors by everybody where it is not cold enough to kill oak trees. They are perennial, blooming better and more abundantly each season. They can be multiplied rapidly by simple division and they are not particular as to soil. They bloom for several months—in California nearly all the year. The flowers are very large and graceful—averaging about 4 inches—often more in diameter, with three or more rows of petals of the purest whiteness, on single, strong, stiff, wiry stems, nearly 2 feet in length. Pkt., (100 seeds,) 20c.

608—Kelway's New Hybrid Larkspurs. If we were confined to but one hardy perennial, we would choose the Larkspur. For freedom of bloom, ease of culture, color, variety and general all-round satisfaction there is hardly anything equal to it. The plants bloom twice and often threetimes in a season. While the common Formosum is a thing of beauty with its brilliant blue spikes, this new strain far surpasses anything we have seen. The flower spikes are stiff and strong, crowded with flowers, double and single, shading from pure light blue and lilac to the intensest indigo and purple shades, often with strange orchid-like markings. The seed we offer is from Kelway. Large Pkt., 35c.; 2 for 60c.

605—*Delphinium Speciosum Glabratum*. A handsome new hardy perennial Larkspur from the Himalaya mountains. The branches are spreading; flowers silkily-hairy, 1½ to 2 inches across and of a beautiful dark sky-blue. Pkt., 15c.; 2 for 25c.

—Chinese Larkspurs. These are magnificent plants, grow 3 to 4 feet high, bloom in a short time after sowing and for a long time. They are splendid cutflowers.

606A. Large Flowering White, Pkt., 10c.

606B. Large Flowering Sky-Blue, Pkt., 10c.

653—*Echinacea Hybrida*. These truly magnificent new hybrids were obtained by crossing different *Rudbeckias* on the *Echinacea purpurea* and *E. angustifolia*. The flowers differ greatly in size and shape, some are long and narrow-petalled, others show broad and short ray-florets, but all of them are very pretty and furnish a splendid material for cutting. The colors range from flesh color to deep purplish red. Pkt., 25c.

655—*Erigeron*—"Orange Daisy" New Hybrids. Beautiful hardy perennials with large flowers, varying in all shades from white to rose and from yellow to light and deep orange. A splendid spring flower. Pkt. 20c.

656—*Erigeron Grandiflora Elatior*. A fine cut-flower. It blooms very early and free. Color pale lilac. Pkt., 20c.

658—*Eryngium Planum*. An A No. 1 cutflower. The plants grow from 3 to 4 ft. high, flowers blue. Of easiest culture and as hardy as an oak. Pkt., 10c.

New Crimson Hardy Gaillardia

(*Gaillardia Grandifl. Maxima Kermesina Splendens*.)

729—A magnificent color; rich crimson center with a border of canary yellow. The flowers are immense, over 4 inches across and are borne on long stout stems. Pkt., 10c.; 3 for 25c.

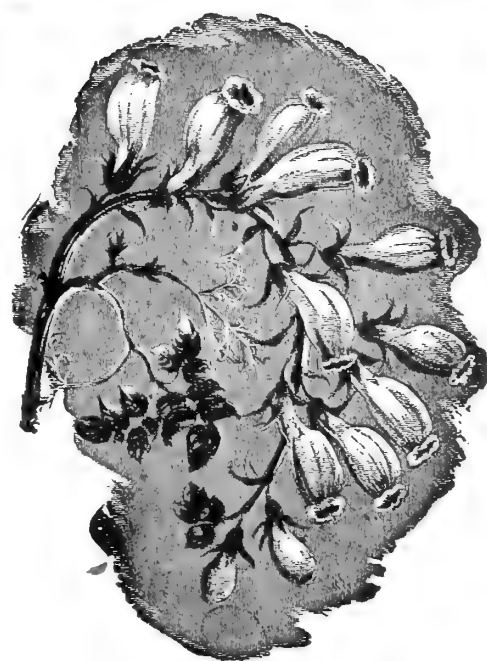
Gaillardia "Sulphur Queen"

(*Gaillardia Grandiflora Sulphurea Oculata*.)

728—The most striking of the hardy Gaillardias. Flowers are of good size and substance, are borne on wiry stems and are excellent for decorations. The color is pale sulphur-yellow with a bright maroon eye, giving the flowers a very distinct appearance. Pkt., 10c.

729—*Gaillardia Picta Alba Marginata*. This is an exceptionally fine sort of the annual Gaillardias. The flowers are orange with a white margin. It is one of the plants of which one can hardly have too many, being ornamental and useful for cutting. Large Pkt., 10c.

Hardy Gaillardias will bloom from seed the first summer if sown early.



ECCREMOCARPUS

650—*Eccremocarpus Aureus*—New Golden Bignonia. One of our quickest climbers, often growing up to a height of 15 feet. The vines are graceful, the foliage abundant and the flowers, which are bright golden yellow, very numerous. It is a very satisfactory, hardy vine. Pkt., 15c.

651—*E. Scaber*. Just like above except that the color of the flowers is rich orange. Pkt., 5c.



Glaucium Tricolor—New Horn Poppy

738—Remarkable hardy annual Horn Poppy, about 2½ feet in height. Its large, fine shaped flowers, 3 to 4 inches in diameter, are of the most brilliant orange-red with black or yellow spots at the base of each petal. This orange coloring is of great effect and very rare amongst annuals and biennials. The plants are continuously in full bloom during the greatest part of the summer. When sown in the open ground in early spring, the flowers will appear in July, and the plants will produce an abundance of bloom in uninterrupted succession until September. Seeds are slow of germination. Pkt., 15c.; 2 for 25c.

Special Offer No. 43A. One Pkt. each, Nos. 572 and 573 for 40c.

Special Offer No. 43 B. One Pkt. each, Nos. 573, 582, 608 and 738 for 75c.

Geranium—New Large-Flowering

732—The seed we offer here is saved from a splendid collection of large flowering Geraniums. They will bloom in 10 to 12 weeks from the time of sowing and the flowers should be equal to the best kinds. Pkt., (30 seeds) 15c.; 2 for 25c.



Hebenstreitia Comosa

786—A new species from South Africa. The innumerable curiously formed small white flowers are disposed in a long slender spike, and the bright orange-scarlet blotches make them very interesting when closely examined. Succeeds well as a half-hardy annual, sown outdoors in April or May. Height 18 inches. **Pkt., 25c.**

826—*Impatiens Glandulifera*. **Giant Balsam**—A very showy annual flower. The plants grow to a height of 5 feet by almost the same diameter. The flowers are pink and single and bloom in August. A good plant for bees. **Pkt., 10c.**

848—*Leptosyne Stillmani*. One of the quickest flowering annuals, blooming within five weeks from sowing; the golden yellow flowers continue in perfection for a long period. Excellent for cutting. Height 18 inches. **Pkt., 10c.**

847—*Linaria Aparinoides Splendens*. A very satisfactory, hardy annual. Grows about 12 inches high and is in bloom all summer and fall. Most of the flowers are two-colored, in shades of violet, purple, lilac and yellow. A good plant for beds and borders. **Pkt., 10c.**

Linaria "The Pearl"

847A—A charming, free growing and flowering annual with longspurred Snapdragon-like flowerets appearing in bunches. Cut flowers keep fresh in water for weeks, producing at the tip of the bunches continually new flowers. The plants are completely covered with blooms, and as they grow very evenly in height to about 12 inches, they are invaluable for edging border, or for bordering flowerbeds. Planted into pots when full in bloom they are excellent Market plants. **Pkt., 15c.**

Lobelia, Perennial Hybrids

860—A magnificent strain of hybrid Lobelias, resembling the well-known Queen Victoria in habit, but the flowers exhibit a wonderful variety of brilliant shades of pink, carmine, rosy magenta, crimson, purple, and rich purple blue. These Hybrids bloom with a freedom far exceeding that of the old *L. Cardinalis*. If sown in February or March will flower the same season. Half-hardy perennial. **Pkt., 25c.**

862—*Lychnis Sieboldi*. A very charming hardy perennial from Japan. The plants grow about 12 inches high, bloom in summer and produce their beautiful, large, white flowers in abundance. **Pkt., 10c.**

NEW PANSIES

For Vaughan's International, the best and most complete Pansy mixture in the world, see page 67.

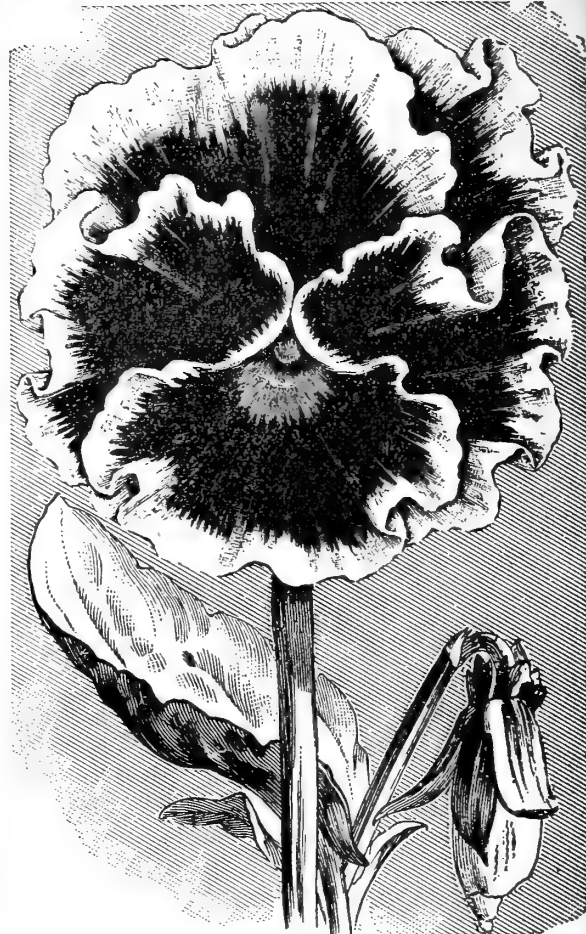
1125—Masterpiece—New Giant Curled. This strain comes nearer to "Double Pansies" than anything ever introduced under that name. In reality the number of petals is the same as that in other Pansy flowers, but they are crimped and curled in such a fashion that the flowers appear double. The flowers are of enormous size, often 3 inches across, and the color variations and combinations are odd and striking. **Pkt., (200 seeds), 20c.; 3 for 50c.**

1126—Psyche. Each flower is elegantly curled and undulated and in every respect a beauty in form and color. The characteristic five velvety violet blotches or eyes are surrounded by a broad white edge. Comes true from seed. **Pkt., 20c.**

1127—Bridesmaid. The flowers of this new, interesting variety are very large and of fine form. Its ground color is a rosy white, rivalling in delicacy and beauty the finest Apple-blossom, and most strikingly setting off the dark blotches of the center. It is the freest blooming of the Giant Pansies. **Pkt., (120 seeds), 10c.**

1128—Ruby. This new variety embraces the richest shades of red colors, from scarlet, scarlet-orange, wine-red to rose. Originating from the Giant Cassier class it possesses the same regular dwarf habit of the plants and the large size and fine form of the flowers. **Pkt., (120 seeds), 15c.**

1130—New Orchid-Flowered Pansies. A most interesting type of Pansies of the Giant Flowered Class, containing a mixture of the most surprising, novel, unique and beautiful color combinations, entirely new among Pansies. The ground color of nearly all the flowers is in light shades, the petals are marked with large brown or golden yellow blotches which diffuse into rays and veins toward the edge. The upper petals are upright and sort of plaited, which gives the flowers their resemblance to orchids. The colors range in the terra cotta shadings as well as in the flesh, orange, rose, pink and lilac. **Pkt., 15c.**



"MASTERPIECE" TYPE

Vaughan's "Elite" Mixture of Pansies

1131—This is not a complete mixture like our International; it does not contain any pure white, yellow or any self colors, nor any other of the well-known kinds. It is comprised of the Cream of four Pansy specialists' choicest and most expensive mixtures and such new and novel kinds as listed above. It is a mixture that will please everybody who likes Pansies and can appreciate quality in color, shape, size and substance, in fact everything that makes a perfect Pansy. **Pkt., (250 seeds), 50c.**

886A—Matricaria Capensis Plenissima. A fine strain of this double white Feverfew, so well adapted for bedding and cutting. **Pkt., 10c.**

886B—Matricaria, Golden Ball. A beautiful hardy perennial of compact habit, suitable for beds or borders with very striking double yellow flowers. Height 1 foot. **Pkt., 10c.**

889—Melianthus Major. The flowers are bronze and are borne in rather long spikes springing from the axils of the upper leaves. The leaves are large and deeply cut into acute divisions. They grow to a height of 4 to 6 feet. Splendid for large borders or mixed in with Cannas, Castor Beans, etc. **Pkt., 15c.**

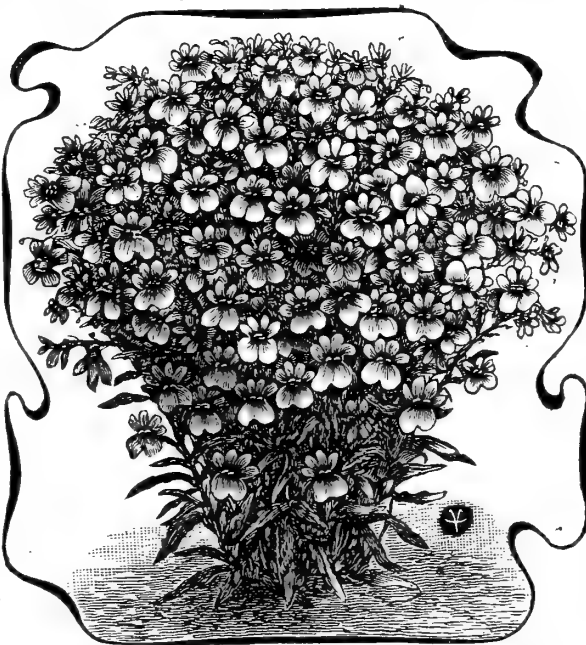
Melothria Punctata

888—A very pretty climbing Gourd. The foliage is elegantly cut, of a shiny dark green color; the flowers white and sweet scented, followed by light green fruits of the shape and size of gooseberries. Easy of cultivation, vigorous and rapid in growth, especially adapted for covering trellises, walls, etc. **Pkt., 15c.; 2 for 25c.**

Mimosa Spegazziniana Glauca

920—Of all 'Sensitive-plants' this reaches the largest size during one summer, and is of decorative value for its beautiful leaves, large flowers and interesting fruits. Early sown, the plant attains soon the height of 7 feet, covers itself with the proportional large pinnated 'sensitive' leaves, and produces numerous rose flower clusters. The whole plant, stems, petioles and leaves, is covered with a fine blue hue. **Pkt., 15c.**

1136—Musa Religiosa. (The best of all Bananas). Fetich-Banana. Large, erect pale green leaves with short extremely thick blackish-brown petioles. The leaves are of a very solid texture, resisting the wind without being torn. **Pkt., (5 seeds), 25c.; 2 Pkt. for 40c.**



Nemesia Suttoni, Compact Varieties

1103—A most satisfactory and attractive hardy annual. The plants grow about a foot high, are bushy and compact and are covered with flowers through the entire summer and fall. The flowers are single and include white, pale yellow, crimson and an almost endless diversity of intermediate shades. **Pkt., 20c.; 3 for 50c.**

Nasturtium "Virchow"—Climbing

1060—The flowers are of a distinct deep ruby rose, shading into lighter and darker tints. **Pkt., 10c.; oz., 20c.**

New Climbing Nasturtium, "Jupiter"

1066—The flowers, which are very numerous, measure 3½ inches in diameter. They are exquisitely formed, with overlapping, crinkled petals. The color is a bright golden yellow, with a glow of orange around the throat. **Pkt., 5c.; oz., 15c.**

For other Nasturtium and "Vaughan's Special Mixtures" see pages 64 and 65.

Special Offer F44. One Pkt. each, Nos. 786, 847A, 860, 920, 1103, and 1060 for \$1.00.

Special Offer FF44. One Pkt. each, 1103, 1131, and 920 for 75c.



Pentstemon, Vaughan's—New Large-Flowering

1252—This is a much improved strain of these beautiful flowers. The flowers are large, very numerous, in shape like a Gloxinia and are borne on long stems. In color they vary from pure white, pink, rose and crimson to mauve and purple, including many which are beautifully edged with a fine contrasting color. If this seed is sown in January, February or March, in a fairly warm place, the plants will bloom in summer and fall—Splendid cutflowers also suitable for pot culture. Height, 2 feet. **Pkt., 25c.**

The Howard Star Petunias

1254—Their ground color is a dark crimson maroon, with a rich velvety texture. Showing through the ground color are violet veinings. From the center starts the points of a five-rayed star, which broadens half way up, narrowing to a point at the margin of the flower. This star is a very light blush pink, almost white, which deepens in color as it reaches the margin and finally blends with the maroon ground color. The plants are free growers, branching freely and attaining an average height of 18 in. by 24 in. in diameter. They are remarkably prolific bloomers, single plants often having 50 fully expanded flowers at a time. **Pkt., 15c.; 2 for 25c.**

Platycodon Mariesi Macranthum

(Also called New Tuberous Rooted Clematis)
1318—Not a climber, but a low growing, bushy, herbaceous plant with handsome deep green foliage and bearing grand clusters of beautiful large bell-shaped flowers, lovely violet-blue. It grows 1 to 2 ft. high, blooms the first year and from early June until October. It is entirely hardy. **Pkt., 10c; 3 for 25c.**

New Large-Flowering Petunia

“Painted Lady”

1267—This is a most remarkable and charming sort. The flowers are of medium size, about 3 inches in diameter beautifully frilled and fringed and produce the most pleasing color combinations of white, pink and rose. Some of the flowers are rich rosy pink, almost cerise, others soft apple-blossom pink, others are pink with a clear white margin, some are starred, others flamed and streaked. Some plants have white, blush and rose colored flowers. **Pkt., 50c.**

Petunia "Miranda"

1268—This is one of the most beautiful of all the Petunias. The flowers are large and fringed. They are brilliant rose changing to brightest scarlet toward the throat. **Pkt., 50c.**

Phlox Morning Star

(*Phlox Dr. Nana Compacta Radiata.*)

1296A—An entirely new and distinct class in respect to the peculiar shape of the flower petals. These unite in the form of a five or six-pointed star, as shown in our illustration. The blooms are rich carmine-red, with two white stripes on each petal. The plants are dwarf and very free, forming compact bushes literally covered with the charming flowers. **Pkt., 25c.**

Silver-Leaved Star Phlox

(*Phlox Dr. Cuspidata Fol. Alba-Margin.*)

1296—The plants attain the height of about 1 foot and the flowers, mostly toothed but some fringed, are of rose and carmine shades and form a delightful contrast with the beautifully variegated foliage. **Pkt., 15c.; 2 for 25c.**

For other Phlox and "Vaughan's Special Mixture," see page 69.



VAUGHAN'S GIANT PEONY—FLOWERED POPPY

Vaughan's Giant Poppies

Vaughan's Giant Poppies

1320 Double Pure White	} Each per Pkt., 10c. One Pkt. each of the 3 sorts for 20c. Per ½ oz., 25c.
1321 Double Pink	
1322 Double Cardinal-Red	

These Poppies are very handsome, the flowers grow to an enormous size, from 6 to 7 inches in diameter, are as double as Peonies and the colors are very rich and striking. Height, 30 to 36 inches.

Vaughan's New Poppy "Nameless"

This is one of the richest and most effective of all Poppies. The plants grow 2½ feet high, the foliage is very large and of beautiful bluish-green and the flowers are very double and 6 to 7 inches over in diameter. The color is the brightest fiery scarlet imaginable with a clear white line in the center of the petal running half way up its length. **Pkt., 10c.**

\$10.00 FOR A NAME. We will pay a prize of \$10.00 for an appropriate name for this new Poppy. To be entitled to compete you must enclose empty packet of "Nameless" Poppy with the name you suggest so as to reach us by September 1st, 1904.

"Vaughan's Special Poppy Mixture" See page 70





ORDER FLOWER SEEDS BY NUMBER

There is a number attached to every variety of Flower Seeds. Our customers will find it a great convenience to order by number instead of copying the names.

Sweet

OUR SELECTION OF THE BEST SWEET PEAS

Price of any of the following (except where marked), pkt., 5c.; oz., 10c.

SCARLET AND WHITE. 1501. America. Its color is a white ground and through the center of the standard is a wide crimson-scarlet bar, veined with fine scarlet lines toward the edges of the standards. $\frac{1}{4}$ lb., 15c.; lb., 50c.

DEEP PINK. 1509. *Bridesmaid. This is a selection from Katherine Tracy, and is exactly like it, except in color, which is a bright and deep pink. Pkt., 10c.; oz., 40c.

PINK AND WHITE. 1507. Extra Early Blanche Ferry. An improved Painted Lady; the favorite pink and white. This sort is planted more than any other. $\frac{1}{4}$ lb., 15c.; lb., 50c.

BRIGHT BLUE. 1533. *Flora Norton. It is a very bright blue, quite different from Countess of Radnor and kindred varieties, being a brighter blue and clearer color. Pkt., 10c.; oz., 35c.; 2 ozs., 65c.

ROSE AND CREAM. 1544. Jeanie Gordon. The standards are bright rose, shaded cream, slightly hooded wings. Flowers large; a charming variety.

RICH CREAM. 1550. Lady M. Ormsby Gore. A very vigorous sort; flowers large and hooded. Color primrose, delicately shaded with buff.

ROSY CARMINE. 1551. Lord Roseberry. Flowers very large, hooded; color, rosy carmine, with deeper veins. Very free flowering and vigorous.

BRIGHT ROSE. 1557. Majestic. One of the loveliest of Sweet Peas. Rich, deep, rosy pink $\frac{1}{4}$ lb. 20c.; lb. 65c.

ORANGE. 1558. Miss Wilmott. Standards rich, deep orange-pink; wings a shade lighter. Of enormous size. Oz., 15c.; 2 ozs., 25c.

WHITE. 1560. Mont Blanc. Of dwarf growth and very early blooming habit. Flowers pure white, of good size and substance.

NEW SWEET PEAS FOR 1904

Those with the (*) are all owned and controlled by us.

American Queen. 1501A. Flowers large; usually three on a long stem and a very profuse bloomer. Color, a clear salmon-red, the wings bright deep rose. Pkt., 5c.; oz., 10c.; 2 ozs., 20c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

***Bridesmaid. 1509.** See among "20 Best."

Dainty. 1521. Very large and of good substance. Color, pure white with the edge of the petals daintily tinted with pink, making a most charming contrast. Pkt., 10c.; oz., 50c.

***Evening Star. 1530.** A pale buff, flushed with salmon-pink. It is really an open-form Venus; it stands the sun without burning. Pkt., 10c.

***Flora Norton. 1533.** A very bright blue. Pkt., 10c.; oz., 35c.

George Gordon. 1534. A carmine crimson standard, wings lavender. Flower very large. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

Golden Rose. 1536. The flowers are extra large, of fine open form. Color, clear primrose yellow, flushed with rosy pink. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

Gracie Greenwood. 1538. Soft salmon-pink with a distinct edging of deeper pink. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

Janet Scott. 1543. A rich deep pure pink, flowers very large size. Pkt., 5c.; oz., 15c.; 2 ozs., 25c.

Jeanie Gordon. 1544. Bright rose, shaded cream. A charming sort. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

Lady M. O. Gore. 1550. Primrose, delicately shaded with buff. Pkt., 5c.; oz., 10c.

Lord Roseberry. 1551. Rich rosy crimson, large and free. Pkt., 5c.; oz., 10c.

20	PACKETS	One regular size packet each of the above	50c
20	NEW SWEET PEAS	20 Best New Sweet Peas (Special offer No. 148)	
20	OUNCES	One ounce each of the above selection of	\$2.00
20	NEW SWEET PEAS	20 Best Sweet Peas. (Special offer No. 149)	
10	PACKETS	One packet each of Mrs. Higginson, Jr., Mont Blanc, Extra Early Blanche Ferry, Salopian, Navy Blue, Prima Donna, Othello, America, The Hon. Mrs. E. Kenyon, Speckled Beauty. (Special offer No. 150.)	25c
10	NEW SWEET PEAS		
10	OUNCES	One ounce each of the 10 kinds of Special offer No. 150. (Special offer No. 151.)	\$1.00
10	NEW SWEET PEAS		

These prices are strictly NET without discount.



FLORA NORTON

***Mrs. Geo. Higginson, Jr. 1563.** Clear, delicate light blue. A very charming sort. Pkt., 10c.; oz., 25c.; 2 ozs., 45c.

Nymphæa. 1567. Pink and white flowers on the same stalk. Usually four flowers to a stem. Pkt., 10c.; oz., 35c.

***Speckled Beauty. 1581.** Primrose, with a heavy dusting of pink all over the flower. Very pretty. Pkt., 10c.; oz., 35c.

Sue Earl. 1583. The standard is primrose with mauve at the edges, wings almost pure primrose. Pkt., 10c.; oz., 15c.; 2 ozs., 25c.

***Sunrise. 1584.** Bright pink, suffused with primrose. This is a unique sort, there being no other color in Sweet Peas like it. Pkt., 10c.; oz., 40c.

***Sunset. 1585.** Primrose, heavily striped with bright rose. One of the brightest of all Sweet Peas. Pkt., 10c.; oz., 35c.

SPECIAL OFFER NO. 152: 18 New Sweet Peas, all the above, one packet each, for \$1.00 NET without discount. Retail value, \$1.40.

SPECIAL OFFER NO. 153: All the above 18 new Sweet Peas, mixed in equal portions, PER OUNCE, 25c. NET.



Peas

For other Sweet Peas in sorts and colors, and Cupid and "Bush" Sweet Peas, see pages 73-74.

Price of any of the following (except where marked) pkt., 5c.; oz., 10c.

SKY-BLUE. 1563. *Mrs. Geo. Higginson, Jr. A clear, delicate light blue, showing practically no tint of mauve. It is a thing our growers have been working for for years, and while it is not any larger than the old Countess of Radnor, it is a particularly fine shade. It is especially valuable for florists and is a decided novelty. Pkt., 10c.; oz., 25c.; 2 ozs., 45c.; ¼ lb., 85c.

TRUE BLUE. 1566. Navy Blue. An entirely distinct color from any existing variety of Sweet Pea. General color effect dark blue; standards brilliant royal purple; wings pure violet; the whole flower elegantly veined in sharp relief. Blooms of approved form, generous size, parchment-like texture and remarkable substance. ¼ lb., 20c.; lb., 60c.

VERY ODD. 1567. Nymphæa. A large flower with long stems, usually four blossoms to the stem. First blossom opens almost white, and then turns to a bright deep pink. Of the four blossoms, the top one is nearly white and the bottom one deep pink. Very attractive and pretty and one of our best. Pkt., 10c.; oz., 35c.

DEEP MAROON. 1568. Othello. This variety, being better than Shahzada, Black Knight and Stanley, is the best dark Pea. Very dark maroon, showing veins of almost black; very large hooded. ¼ lb., 20c.; lb., 70c.

CLEAR PINK. 1570. Prima Donna. A light but bright shade of blush-pink. Flowers of large size and finest form, frequently coming four on a stem. It is one of the finest for cutting. ¼ lb., 15c.; lb., 50c.

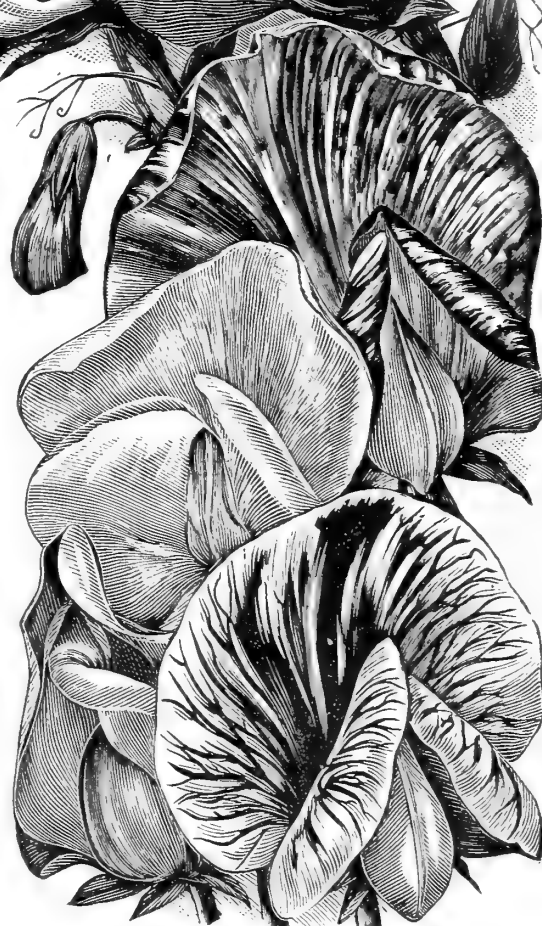
SCARLET AND ROSE. 1571. Prince Edward of York. The flowers are of extra large size and boldly expanded form; the standard is a bright scarlet, while the wings are soft deep rose.

BLOOD RED. 1577. Salopian. This is unquestionably the best of all the bright reds, both as to color and size of flower. A magnificent kind and our strain is absolutely pure. It is one of the best of late introductions. ¼ lb., 15c.; lb., 50c.

PRIMROSE AND PINK. 1581. Speckled Beauty. A good large flower of perfect shape. Primrose, with heavy dusting and shading of pink; comes truer and larger than Pink Friar, and is really a good thing. Pkt., 10c.; oz., 35c.

SALMON AND WHITE. 1584. Sunrise. Particularly distinct on account of its color, which is a bright pink suffused with primrose; flowers good size and open form. There is no other color in Sweet Peas like it. Pkt., 10c.; oz., 40c.

PRIMROSE. 1587. The Hon. Mrs. E. Kenyon. A beautiful primrose color, deeper than any other in that shade. A very large flower. oz., 15c.; 2 ozs., 25c.



VAUGHAN'S "PRIZE" MIXTURE OF SWEET PEAS

1590—This mixture contains the cream of the new and standard sorts. It is made up entirely of new and separate sorts, carefully proportioned as to its composition, and we can safely say, "there is no better general mixture in existence," no matter at what price or under what name it may be offered. Price, by express, 10 lbs., \$7.00; 5 lbs., \$4.00; lb., \$1.00; ¼ lb., 30c. By mail, postpaid, 2 lbs., \$2.00; lb., \$1.10; ¼ lb., 30c.; 2 ozs., 20c.; oz., 15c.; pkt., 10c.

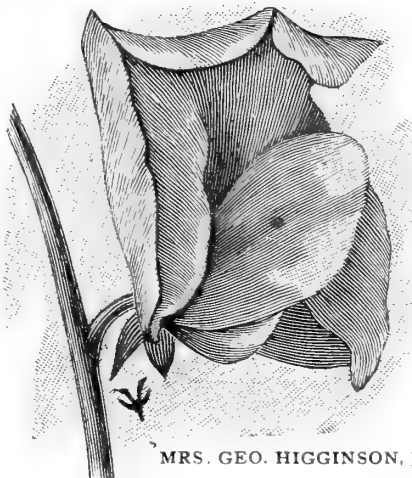
This is without a doubt
THE BEST and MOST COMPLETE mixture in existence. None better.

FLORENCE FRASER

AN IMPROVED BLANCHE FERRY

1533A. Height, 6 to 7 feet; color, pink and white; flower stems 12 to 14 inches long and very stout, bearing three and four large blooms. A strong, vigorous grower and free early bloomer. It surpasses Blanche Ferry in vigor, flower and stem, freedom and earliness. Every lover of Sweet Peas needs it.

Packet (20 seeds) 25c.



MRS. GEO. HIGGINSON, JR.

NEW SCARLET SAGE—"MINIATURE"

Salvia Splendens Præcox Miniatur.

The first really dwarf and compact growing *Salvia Splendens*. It forms even, well-shaped bushes of about 12 inches high, and produces continually an abundance of fine, pure scarlet and large flower spikes. The most early flowering variety of *Salvia Splendens*. Sown in February in pots or hot-bed, the young plants develop their flowers the middle of June and till late in the fall. A capital plant for the market florist both as early bloomer and as pot-plant. Of high value for borders and groups. Pkt., 15c.; 2 for 25c.

Salvia Splendens. "Triumph." 1417. This splendid new *Salvia*, a German production, was awarded a medal at the Horticultural Exposition at Dresden. It is an extremely early bloomer, commencing to produce its flowers in June, if started early in the house, and continues to bloom until frost. The plants grow about three feet high, are very bushy and the flowers are borne well above the rich green foliage. The color of the flowers is the richest, purest scarlet. A very effective kind. Pkt., 10c.; 3 for 25c.

The Christmas Pepper

1253—For several years we have made a specialty of this Pepper at our greenhouses where we have grown several thousands in a season. They are ready for the market in October and November, lasting until Christmas, and the plants have sold like the proverbial "hot cakes." The plants grow about 12 to 15 inches high and are covered with their scarlet fruit, which stays on for months. It is a selection from the Celestial Pepper, but it is now entirely distinct from it, the fruit is smaller, more chunky and the plants grow more compact, while the fruit is borne right above the foliage as shown in our illustration and therefore present themselves to best advantage. This Pepper is of easiest culture. It is one of the prettiest pot plants and everybody can be successful with it. Complete cultural directions are printed on each package. **Pkt., (50 seeds) 15c.**

New Dwarf Star Phlox

1211—Phlox Dr. Nana Compacta Cuspidata. Extremely pretty dwarf Phlox which produce their star-shaped flowers all summer. The plants grow very dwarf and are covered with flowers in many shades and colors. Most suitable for beds, borders and pots. **Pkt., 10c.**

1316—Physostegia Virginica. **Pkt., 5c.**

1317—Physostegia Virginica Alba. **Pkt., 10c.**

These class among the most desirable of hardy Perennials. They are absolutely hardy, bloom very freely and for a long time and are of easiest culture. They are good cutflowers, the white in particular.

New Giant Hardy Garden Primrose

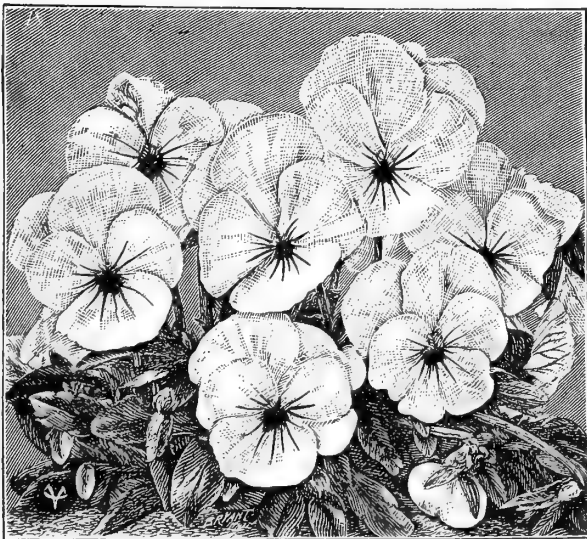
1385—Primula Veris Grandiflora. This new Giant Primrose is a vast improvement in every way on the old type Polyanthus. The flowers are very large, measuring from 1½ to 2 inches in diameter, are borne on stout stems 10 to 12 inches in length; the leaves are larger than those of that type and the colors are richer and more varied. **Pkt., (100 seeds) 25c.**

1452—Scabiosa Caucasicus Alba. A splendid hardy perennial producing its large white flowers on long wiry stems. If planted in rich, heavy soil the plants will bloom for many weeks and the flowers be perfect. **Pkt., 10c.**

Beauty of Nice Stock

1472—A very conspicuous and handsome new winter Stock of quick growth, with flowers of very large size. The color is a very pleasing daybreak pink. It is grown in large quantities in the South of France for shipment North. Under good culture the plants will grow 24 to 30 inches high. The seedlings will bloom in 10 weeks and if the seed is sown by the end of May the plants will bloom in September when cutflowers begin to get scarce and continue to bloom during the winter. **Pkt., (100 seeds) 15c.**

1473—Beauty of Nice Stock, Pure White. Trade Pkt., 25c.



Everblooming or Tufted Pansies

We discovered a magnificent strain of these charming Pansies; they were in full bloom by the end of August with flowers fully as large as the Trimardeau Pansies with about three times as many flowers to a plant. We recommend these to every lover of Pansies.

1120, Pure White; 1121, Golden Yellow, 1122, Argus, (Beaconsfield color). 1123, Purple. 1124, Dark Blue. Each per Pkt., 10c. 1125, One Pkt. each of these 5 kinds for 40c.



CHRISTMAS PEPPER



STREPTOCARPUS

Streptocarpus

VAUGHAN'S GIANT HYBRIDS

1478—Streptocarpus are everblooming house plants of great beauty and easiest culture. The seed should be sown in January, February or March and commence blooming in July or August and if the seed pods are removed as they appear, the plants will bloom all winter. These Giant Hybrids are the best that exist in Streptocarpus and will produce flowers two or three times larger than those of the ordinary strain and in a large variety of colors, ranging from pure white through lavender, purple, violet, red and rose. **Pkt., 35c.**

Moss Verbena

This new Verbena produces a mass of fine, moss-like foliage, and as the branches spread out over the ground in all directions, a lovely carpet of mossy green is formed, above which are borne the delicate clusters of blossoms in the wildest profusion. The effect is most charming. It is more hardy and robust than most Verbenas, and blooms in a very short time and until late in Fall. It is novel and beautiful.

1720—Purple Moss Verbena. **Pkt., 5c.; ¼ oz., 20c.**

1721—New White Moss Verbena. **Pkt., 10c.**

1722—White and Purple Moss Verbena. Mixed. **Pkt., 10c.; 3 for 25c.**

Wigandia Vigieri

1754—A very imposing foliage plant of tropical effect. The plants grow 6 to 8 feet high, the foliage is large and very ornamental. Suitable for center of a Canna bed, or in perennial border. Seeds must be started in the house. **Pkt., 15c.; 2 for 25c.**

Solanum

There are not many flowers or plants that will make as fine an effect in one season as some of these Solanums. They grow from 3 to 5 feet in height by almost the same diameter and are splendid for groups on lawns or in perennial or shrub borders. Of easiest culture.

1451A—Solanum Atropurpureum. Stems and leaves dark purple, armed with robust prickles nearly 1 inch long. Flowers yellow and purple.

1451B—Solanum Laciniatum. (Kangaroo Apple.) With pinnatifid leaves from 6 to 10 inches long; height 5 to 6 feet; very ornamental.

1451C—Solanum Robustum. Very handsome and ornamental. The plants grow to a height of 6 feet and the foliage is beautifully tinged with orange in the fall.

1451D—Solanum Marginatum. Large attractive foliage, silver margined. Splendid for sub-tropical gardening. Height 3 to 4 feet.

Any of the above, per pkt., 10c.

1451E—One pkt. each of the above 4 Solanums, 30c.

1451F—The above 4 Solanums mixed, pkt., 15c.

Vaughan's

Early-Blooming Autumn Stocks

1471—If sown in April or May this strain will bloom in September when sweet scented cutflowers are getting scarce. These are valuable for beds and for cutting and particularly so for pot culture. The plants grow in pyramids about 15 to 18 inches high, with the center stalks well above the side branches. This strain produces an unusually large percentage of double flowers **Pkt., 15c.; 2 for 25c.**

Stokesia Cyanea

(The Cornflower or Stokes' Aster)

1477—This is one of our most charming and beautiful native hardy plants. The plant grows from 18 to 24 inches high, bearing freely, from early July until frost, its handsome lavender-blue Centaurea-like blossoms, each measuring from 4 to 5 inches across. It is of the easiest culture, succeeding in any open sunny position, and is not only desirable as a single plant in the mixed hardy border but can be used with fine effect in masses or beds of any size. Like many other native plants which are neglected at home, this is grown in considerable quantities in Europe to supply the demand for blue cutflowers in the Autumn. We have no hesitation in saying that Stokesia is one of the most valuable and desirable hardy plants offered. **Pkt., 10c.; 3 for 25c.**

New Emperor Verbena

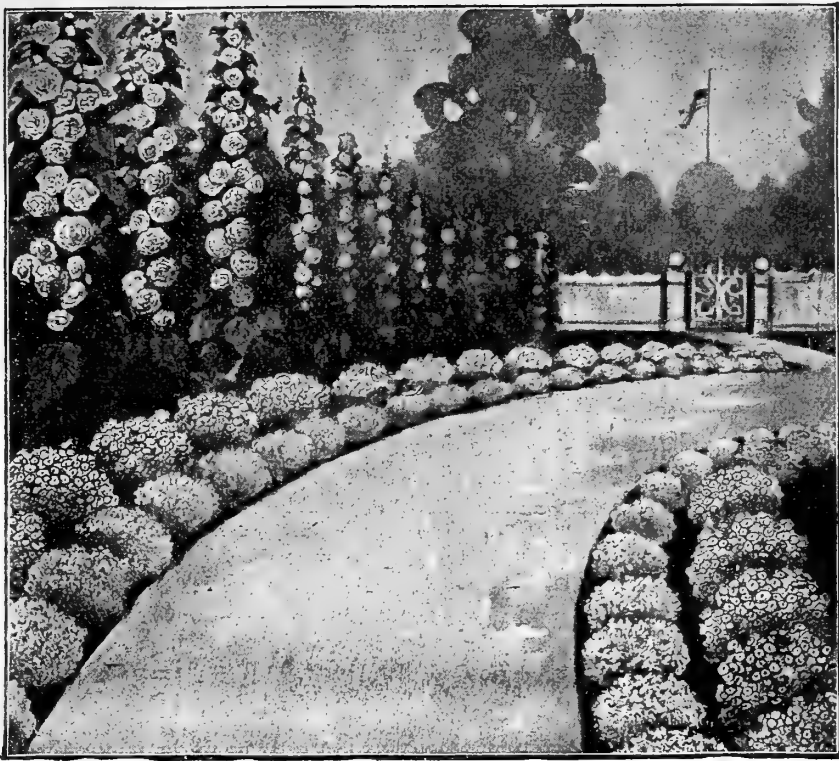
1705—Flowers of enormous size, the single florets attaining the size of a large-flowering Phlox. Each flower has a large white center with margins of either violet, purple, lavender, pink or red. A very desirable novelty. **Pkt., 35c.**

Verbena, "Vaughan's Best" Mixture

There is no better general mixture than the above. For price and description, see page 74.



MOSS VERBENA



A SUGGESTION FOR A BORDER: in outer row, *Alyssum Little Gem*; the next row, *Ageratum Blue Perfection*, and *Hollyhocks* behind.



VAUGHAN'S

(THE BEST IN AMERICA)

Flower Seeds

THESE PAGES tell best their own story of as complete an assortment of Flower Seeds as can be offered to our readers. The list alone, however, does not tell all that has been done. The large quantities used by us prevent the necessity of carrying over old seeds a second season. Our bulk seeds are of new crop, fresh and alive. Seeds of low vitality and germination are never sent out. To prove their germination, we make a semi-annual test.

Our seeds are grown very largely on contract for us from seed stocks we know and inspect. "Vaughan's Special Mixtures," now so well known, are put up by ourselves from the choicest stocks and finest varieties of the different types and colors.

	20c	WORTH of SEEDS EXTRA will be allowed on each ONE DOLLAR sent for seeds in packets and ounces. For particulars see inside front cover.	
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Abrus Precatorius or Weather Plant.

47—The wonderful Weather Plant (*Abrus*) of the West India Islands is now successfully cultivated in gardens. It has a very beautiful foliage and blossoms, and it is claimed that the state of the weather may be told for some time in advance by the position the leaves assume. Seeds bright scarlet, very beautiful and very hard. Soak them well in warm water before sowing. Pkt., 5c.

Abutilon.

Pretty plants, useful for pots in Summer. They form handsome little bushes, covered with bell-shaped flowers in the daintiest and also strongest colors, dotted and handsomely veined. Are of easy culture; bloom readily from seed the first Summer.

48—Royal Prize Mixture. Pkt., 10c.

49—Abutilon. Good mixed. Pkt., 5c.

Adlumia or Allegheny Vine.

53—Mountain Fringe, or *Adlumia Cirrhosa*. This is a hardy climbing plant, native of the Allegheny Mountains; very attractive and picturesque; dainty, feathery, pale green foliage; flowers delicate rose, pink and white. 15 ft. Pkt., 5c.

Ageratum

One of the best of Summer-flowering plants grown from seeds. The plants start readily, grow rapidly and soon come into bloom, and when they begin to bloom they flower uninterruptedly throughout the season. During the hot, dry Summer months there are no brighter or more freely produced flowers. Set the dwarf sorts 10 inches apart, they soon make a low mass of charming blue or white, and are never disappointing.

56—Princess Pauline. A most distinct and novel variety of dwarf compact habit, rarely exceeding five inches in height, its peculiarity being that both colors, blue and white, are combined in the same flower; the body of the flower being white, the stamens are of a light sky-blue, giving the flower a pretty variegated appearance. One of the most distinct new bedding plants. Pkt., 10c.; 3 for 25c.

57—Blue Perfection. In habit this new kind resembles the Imperial Dwarf Blue, but it far surpasses it by its deep amethyst blue flowers. It is the darkest of all blue Ageratums that can be grown from seed. Pkt. 10c.; 3 for 25c.

58—Mexicanum. Blue. Pkt. 5c.

59—Mexicanum Album. White. Pkt., 5c.

60—Imperial Dwarf Blue. Excellent plant for ribbon borders; 6 inches. Pkt., 5c.

61—Imperial Dwarf White. Like above except in color. Pkt., 5c.

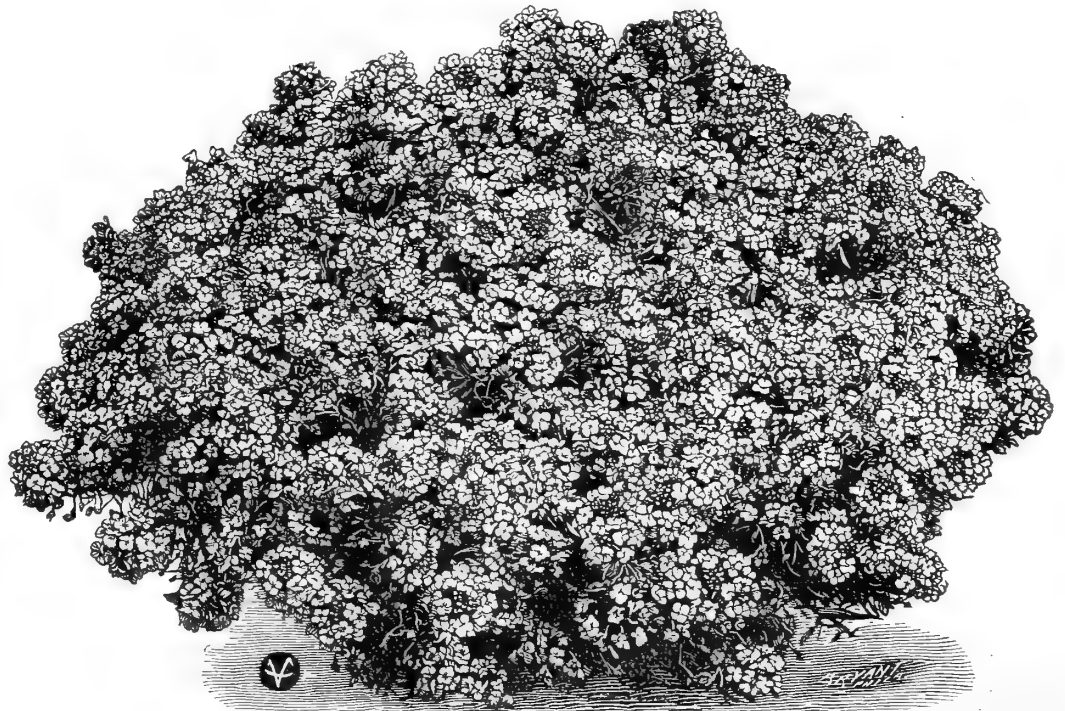
62—Ageratum. Mixed. 4 oz., 15c.; pkt., 5c.

Princess "Victoria Louise."

63—In bloom all Summer. This is the prettiest of the Dwarf Ageratums. The plants grow in dense bushes, 4 to 5 inches high, with a diameter of 5 to 6 inches. The flowers are produced in great abundance throughout the whole season, and are of the loveliest sky-blue with a white center. This is a splendid plant for borders, ribbon bedding, etc., and if a row of our Little Gem Alyssum is sown in front of it there is a lovely combination of white and blue. Pkt., 10c.; 3 for 25c.

Agrostemma Cœli Rosa.

64—(Rose of Heaven). Free blooming and attractive plants, with velvety foliage and pretty rose flowers; 8-inch hardy perennial. Pkt., 5c.



Alyssum Vaughan's Little Gem.

70—This should really be called the "Snow White Carpet Plant," for the plants, which are only a few inches high, grow so dense, and are so completely covered with snow-white blossoms, they create the impression of a beautiful carpet spread over the ground. We know of no other white flower which is so particularly well adapted to borders, ribbons, etc., as our "Little Gem" Alyssum. The plants commence to bloom when quite small, and will flower uninterruptedly all Summer long till late in the Fall. Added to this is the sweet fragrance, and we cannot see how a garden can be complete without it. Pkt., 5c.; 1/2 oz., 15c.; 1/2 oz., 25c.; oz., 40c.

Sweet Alyssum

67—The Sweet Alyssum is one of the finest hardy annuals we have, and is beloved by many on account of its modest blossoms, very similar to white Forget-me-nots. It is pleasantly fragrant, and is just the thing for personal adornment or for the breakfast table. It is good to use for funerals, either alone or with other flowers.

It begins to blossom early in the season and blooms more or less constantly until Fall. The roots spring up anew in April, and the ground is soon covered with the fern-like foliage and flowers. It does not spread any to speak of, and may be easily kept in check. It is a fine plant for edgings or borders; when not in bloom the foliage alone is pleasing. It is a neat, thrifty, healthy grower and should be cultivated by every one who wants an all-around good plant. Sow the seed wherever they are to remain. If too thick, thin out. 1/2 oz., 15c. (enough for a row 40 feet long), oz., 25c.; pkt., 5c.; 2 oz., 40c.; lb., \$2.00.

Hardy Alyssum.

71—Golden Saxatile. Flowers brilliant golden yellow, completely hiding the foliage. Plants about one foot high, desirable for rock work and quite showy in masses. A hardy perennial. Pkt., 10c.

Amaranthus

78—Amaranthus, Sunrise. A most beautiful plant; height, two feet; the leaves are long and narrow; the upper ones of the brightest glowing crimson. Pkt., 10c.

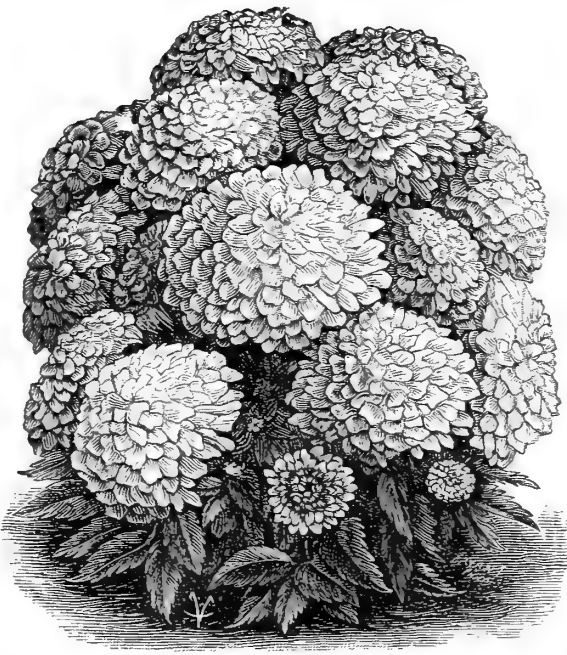
80—Splendens. The finest of its class, with leaves of the most brilliant colors. The inner foliage is of blackish bronze, tipped with green; while the outer foliage is bright scarlet and gold. Pkt., 5c.

82—Tricolor (Joseph's Coat). Scarlet green and yellow. 2 1/2 ft. Pkt., 5c.

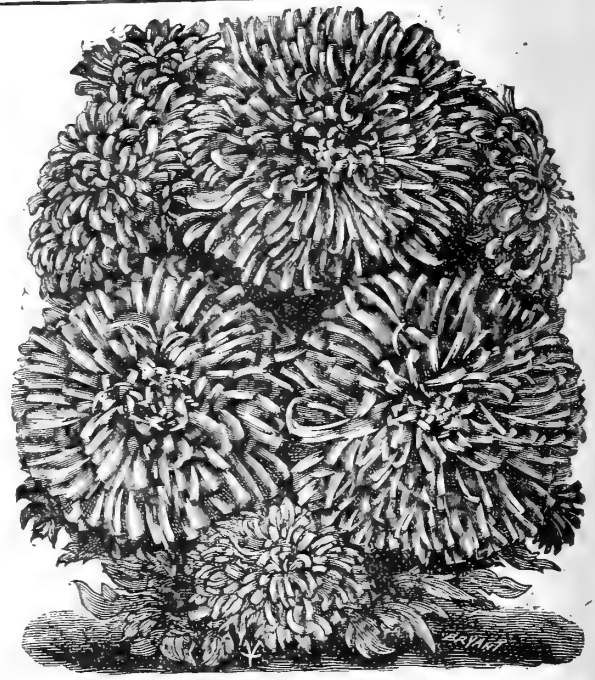
83—Amaranthus Fine Mixture. All the above and many others. Pkt., 5c.; 1/2 oz., 12c.



VAUGHAN'S FIREBALL.



DWARF QUEEN ASTER.



COMET, OR POODLE ASTER.

VAUGHAN'S ASTERS

See Also . . .
Novelty Pages

Our Packets of Asters contain a Very Liberal Amount of Seed, from 100 to 200 Seeds or More.

DWARF SORTS

DWARF PIGMY ASTER.

150—Pretty little plants of handsome form, completely covered with flowers, each plant forming a neat bouquet. The flowers are of the most distinct and delicate shades. Height, 8 inches. Many colors mixed. Pkt., 5c.; $\frac{1}{8}$ oz., 20c.

VAUGHAN'S LITTLE GEM.

151—One of the prettiest Asters we know. The neat bushes, about six inches high, are covered with flowers of the most charming combination of pink and white. A clump or row of them will form a very pleasing spot in the garden. Pkt. 10c.

VAUGHAN'S FIREBALL. **154**—The most brilliant Dwarf Aster. It forms a neat, well-shaped bush about ten inches in height and is covered with beautifully shaped double flowers of the brightest scarlet. Very effective if planted out in beds; also valuable for pot culture. Pkt., 10c.; extra large pkt., 25c.

DWARF QUEEN.

The Finest Dwarf Aster. This splendid Aster makes low bushy plants about 10 inches high, of compact habit of growth, producing a great number of double, extra large flowers which resemble in shape those of the Victoria Aster and measure from 3 to $3\frac{1}{2}$ inches diameter. Excellent for bedding and pot culture.

156—White. **158—Pink.** **160—Light Blue.** { Each, per pkt., 10c.;
157—Crimson. **159—Dark Blue.** { any 3 for 25c.
161—Dwarf Queen Aster. Mixture of all colors. Pkt., 10c.; per $\frac{1}{8}$ oz., 25c.

DWARF CHRYSANTHEMUM FLOWERED.

Of very compact growth; flowers from 3 to 4 inches in diameter and very abundant; later than other varieties, therefore valuable for succession. 10 inches high.

164—Snow White. **169—White turning to Azure Blue.** { These two are
165—Brilliant Rose. **170—White turning to Pink.** { beautiful sorts.
166—Dark Crimson. **171—Light Blue and White.** **173—Light Blue.**
167—Fiery Scarlet. **172—Dark Blue.** **174—Peach Blossom.**
168—Silver Gray. A new, very distinct and pleasing color.

Each of above, pkt., 10c.; any 3 for 25c.; any 6 for 45c.

175—Many colors mixed. Pkt., 5c.; $\frac{1}{8}$ oz., 30c.

176—Imported collection. 12 colors, 45c. **177**—Imported collection. 6 colors. 25c.

DWARF COMET, OR POODLE.

A handsome and very distinct Aster, resembling the Japanese Chrysanthemum in shape of flowers, the petals are very long and beautifully curled, are of a lovely delicate pink bordered with white, bright pink, light blue and other colors.

183—Peach Blossom. **186—Pink and White.** **188—Dark Blue.**
184—White. **187—Light Blue and White.** **189—Lavender.**
185—Rose. **190—Crimson.**

Any of above Comet Asters, per pkt., 10c.; any 3 for 25c.

191—Comet Asters. Many colors mixed. Pkt., 10c.; 3 pkts., for 20c.

195—Dwarf Victoria. This is one of the best semi-dwarf Asters in existence. The flowers are very large, are borne on upright stems, are of ideal form, and the colors are of the richest and daintiest hues. There are color combinations and shadings in this class of Asters not found in any other class. Height, 10 inches. Many colors mixed. Pkt., 10c.; 3 pkts., for 25c.

197—Dwarf Asters. Many different classes mixed. $\frac{1}{4}$ oz., 20c.; large pkt. 5c.

VAUGHAN'S EXCELSIOR MIXTURE OF DWARF ASTERS.

200—Many of our customers may find it difficult to choose among the above strains of Dwarf Asters, and where not desired for an even bed or border, we recommend the planting of our **Excelsior Mixture**. It is comprised of the most distinct and desirable colors of the different classes of Dwarf Asters and many others not listed above, specially selected for this mixture, and we guarantee it to give satisfaction. Pkt. (250 seeds), 15c.; extra large pkt., 25c.; $\frac{1}{8}$ oz., 50c.



PAEONY-
FLOWERED
ASTER.

PAEONY-FLOWERED ASTERS. (*Truffaut's*.) One of the handsomest sorts. The plants grow from 18 to 24 inches high; the flowers are borne on long, wiry stems, are very large, from 3 to 4 inches in diameter, very double and in shape like a Paeony.

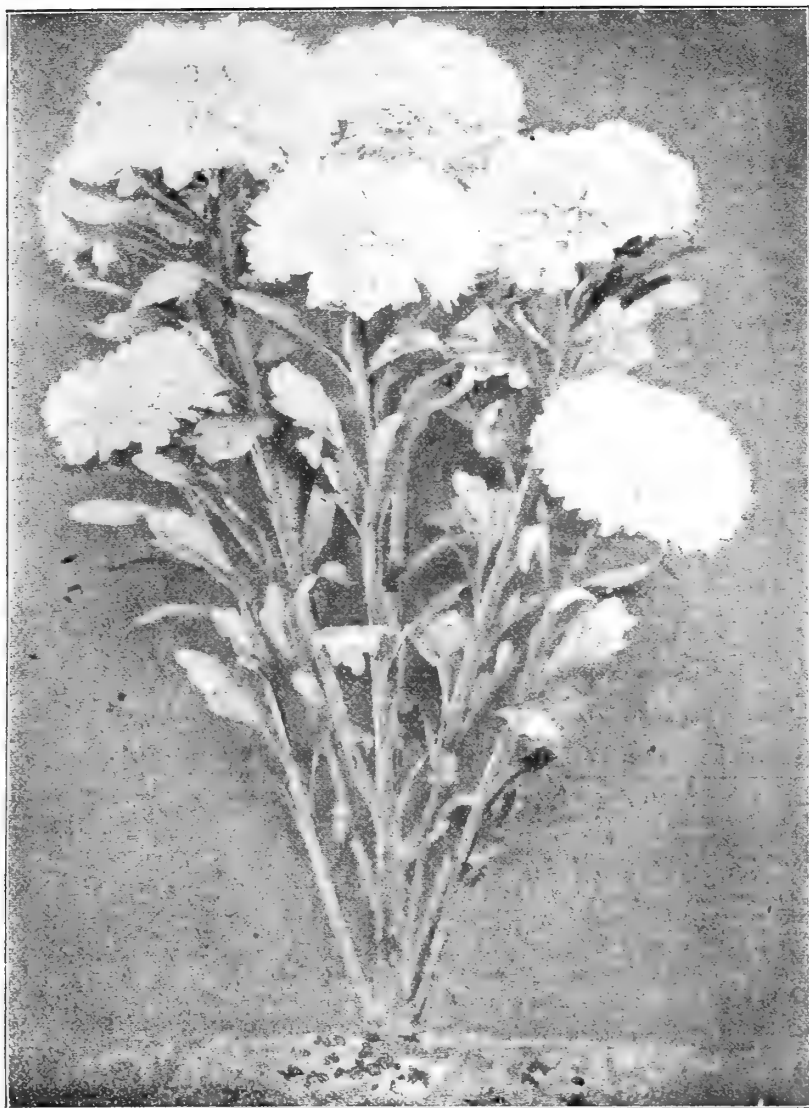
260—Pure White. **266—Light Blue.**
261—White and Blue Black. **267—Shining Blue-Black.**
262—Brilliant Rose. **268—Brilliant Scarlet,** a most striking and beautiful color.
263—Gravelotte (deep blood-red)
264—Pink and White. **269—La Superbe,** sky-blue tipped white.
265—Dark Blue.

Each of the above, per pkt., 10c.; any 4 for 25c.

270—Mixed Colors. Pkt., 10c.; $\frac{1}{8}$ oz., 25c.

271—Imported Collection, 6 colors, 25c.

272—Imported Collection, 12 colors, 50c.



GIANT BRANCHING ASTER.



VAUGHAN'S IMPROVED VICTORIA ASTER.

Vaughan's Asters

See also Novelties

Tall Sorts

Giant Branching Asters. Beautiful Asters for cut flowers. Quite different in several respects from any Aster known. The branching habit is accompanied with great vigor of growth and profusion of bloom. The flowers are very large, very double, borne on long stiff stems, and the colors are clear and handsome.

237—White. 238—Pink. 239—Lavender. 240—Purple. 241—Red.
Price, pkt. (100 seeds), 10c.; 1 pkt. each of the 5 for 30c.

242—Giant Branching Asters. Mixed. Pkt. (200 seeds), 10c.; 3 pkts. for 20c.; ¼ oz., 40c.

Vaughan's New Upright Branching Aster. The flowers are large, very double, and of the true "Semple" type. The plants grow about 30 inches high, and produce from 20 to 25 flowers, which are borne on stems from 20 to 24 inches long. Its upright habit admits of close planting and it will attain full growth when set only 15 or 16 inches apart. The growing of many plants in a small space is a decided advantage when room is scarce. We can furnish this in white and pink. Price, Vaughan's Upright, White (243), or Pink (244), Branching Aster, per large pkt., 10c.; 3 pkts. for 25c. The two colors mixed (244 a), in one pkt., 10c.; per ¼ oz., 25c.

Vaughan's Improved Victoria. Undoubtedly the most handsome Aster in cultivation, and we have an excellent strain of it. Flowers very large and perfectly double, of globular shape and beautifully imbricated; plants are of fine pyramidal form. 1½ feet high.

225—Pure White. 229—Dark Blue. 232—White, turning to Azure Blue.
226—Apple Blossom. 230—Pink.
227—Light Blue. 231—Crimson and 233—Indigo Blue on White ground.
228—Crimson. White.

Each of the above, pkt., 10c.; any 3 for 25c., or per ¼ oz., 30c.

234—Many Colors, finest mixed. Pkt., 10c.; ½ oz., 25c.; ¼ oz., 45c.

235—Imported Collection, 12 colors. 60c.

236—Imported Collection, 6 colors. 30c.

Vaughan's Beauty. 245—A splendid sort, resembling Victoria Aster in shape and size of flowers and growing about 2 feet high. The color is the brightest red imaginable with a satiny gloss. Pkt., 10c.

Giant Washington or Jubilee. 246—The flowers of this type resemble the Victoria Asters, they are, however, much larger. We can recommend it to all who like a tall-growing Aster with very large flowers. The colors are very good, a good cut-flower sort. Many colors mixed. Pkt., 10c.

247—Washington Aster, Yellow. The best of the tall Asters, approaching yellow. Pkt., 10c.

Queen of the Market Aster or Earliest of All. The flowers are of good size, double and are borne on long stems.

250—White. 251—Pink. 252—Crimson. 253—Light Blue.
254—Mixed. Each, per pkt., 5c.; per ¼ oz., 20c.

JAPANESE GIANT or "TASSEL" ASTER.

255—Entirely distinct from all other Asters. The flowers are of immense size, measuring from 5 to 6 inches in diameter, with long petals curiously twisted. Mixed colors, pkt. (150 seeds), 10c.; 3 pkts. for 25c.

GIANT COMET.

This class is one of the handsomest of the tall-growing sorts. The plants grow about 18 inches high and bear in great abundance their beautiful flowers. These flowers, with their long, twisted petals, strikingly resemble Japanese Chrysanthemums and are of very large size.

276—Snow White. Of immense size. Pkt., 10c.; ½ oz., 30c.

277—The Bride. The flowers, at first pure white, change to a lovely pink and finally to a beautiful rose tint; a most charming variety for cut-flowers. Pkt. (120 seeds), 10c.; 3 pkts. for 25c.

278—Yellow. Pale sulphur yellow. Pkt. (120 seeds), 10c.; 3 for 25c.

279—Pink. This is, par excellence, the pink tall Aster and a larger proportion of its flowers come double than in any of the above sorts. Pkt., 10c.

280—Lavender. 281—Dark Blue.

282—Crimson. Each, per pkt., 10c.

283—Giant Comet, Mixed. Includes the above colors and others. Pkt., 10c.; per ¼ oz., 25c.

Crown Asters. 285—Central petals of purest white, making a striking contrast to the large, brilliantly colored outer petals; very effective. 2 feet. Many colors mixed. Pkt., 5c.; ½ oz., 20c.

Double-Quilled Asters. 286—These are great favorites on account of their free-blooming qualities, and the low price of the seed recommends them to many who want a nice Aster. Pkt., 5c.; oz., 50c.

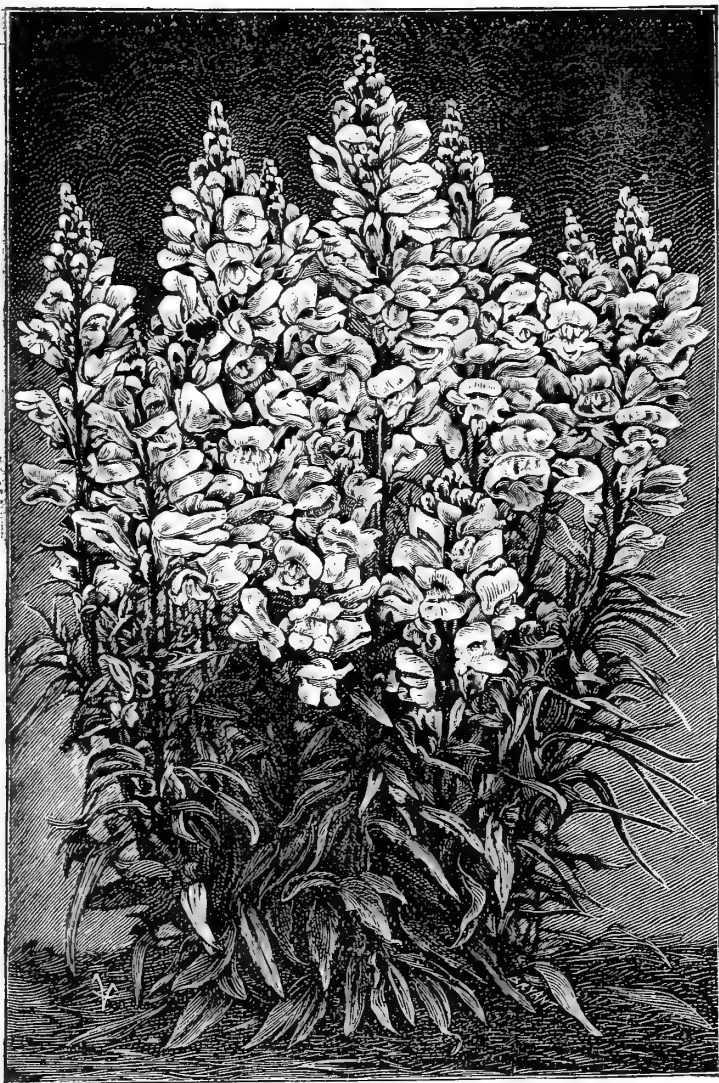
The Yellow Aster. 287—This is the nearest approach to a real Yellow Aster. The flowers are large, globular, quilled and very double and of a clearly pronounced sulphur yellow. Pkt., 10c.; 3 for 25c.

White Asters in Mixture. 288—Victoria White, Truffaut White, Branching White, Snowball, Giant Comet, White and Rose Aster White, all mixed in one pkt. (150 seeds), 10c.; 3 pkts., 25c.; ½ oz., 40c.

Tall Asters. 289—Many kinds and colors, mixed. Pkt., 5c.; ¼ oz., 20c.

Vaughan's Excelsior Mixture of Tall Asters.

300—This is a mixture of the most beautiful, striking and distinct colors of all the above tall growing Asters, selected from the cream of the Truffaut's, Victoria, Crown, Giant Comet, Branching and other desirable sorts and includes many kinds specially purchased for this mixture; also the kinds listed in the Novelties. This is the finest mixture of Tall Asters in existence and the most critical lover of this flower will be astonished at the wide range of colors and varieties given in this truly Excelsior strain. Per pkt. (250 seeds), 15c.; extra large pkt., 25c.; per ½ oz., 50c.



NEW GIANT FRAGRANT SNAPDRAGON.

AMBROSIA.

85—A hardy annual with long spiral stems, bearing an abundance of small, round, greenish-yellow buds and blossoms, which are **exceedingly fragrant**. It is as desirable as the Rose Geranium as a plant with fragrant foliage and for making up in bouquets and other floral work. Its long, beautiful, fringed spirals of lovely green are unsurpassed. It is one of the easiest plants to grow and seeds may be sown early in open ground. **Pkt. 5c.**

AMPELOPSIS VEITCHI, OR BOSTON IVY.

88—A species of Woodbine, with very pretty olive green foliage, which turns to bright scarlet, crimson and orange in the Fall. It does not require fastening, as it climbs the smoothest walls. It is perfectly hardy. **Pkt., 5c.; ½ oz., 15c.; oz., 25c.**

ANCHUSA CAPENSIS.

90—A rare and little known annual of great beauty. It grows two feet high and will thrive in a shady, out-of-the-way place, where scarcely anything else will grow. It resembles a large, beautiful Forget-me-not, though much finer in every respect, especially for bouquets and cut flowers. Color, a most lovely shade of deep, clear, brilliant blue, with a pure white center. Blooms early and continues all Summer. **Pkt., 5c.**

92—Anemone (Windflower) Coronaria. Mixed. These can easily be grown from seed and bloom in the Fall. **Pkt., 5c.**

93—Anemone Sylvestris. White hardy perennial. **Pkt., 5c.**

95—Anthemis Tinctoria. Hardy Golden Marguerite. **Pkt., 5c.**

ANTIRRHINUM, OR SNAPDRAGON.

An old garden favorite, with odd-shaped flowers and pretty spotted throats; deliciously fragrant; one of the most showy border plants. Of easiest culture, they thrive in any soil, the tall sorts yielding an abundance of fine cut flowers, while the dwarf sorts make the prettiest edgings.

97—Queen of the North. In this new sort we have the finest, **most beautiful of all Snapdragons.** The plants grow into handsome, regular bushes 12 inches high, covered with large white flowers of a deliciously sweet perfume. Suitable for bedding and pot culture. **Pkt., 10c.**

98—Tall Sorts, Mixed, 5c.; ¼ oz., 15c. 99—Dwarf Sorts, Mixed, 5c.; ¼ oz., 20c.

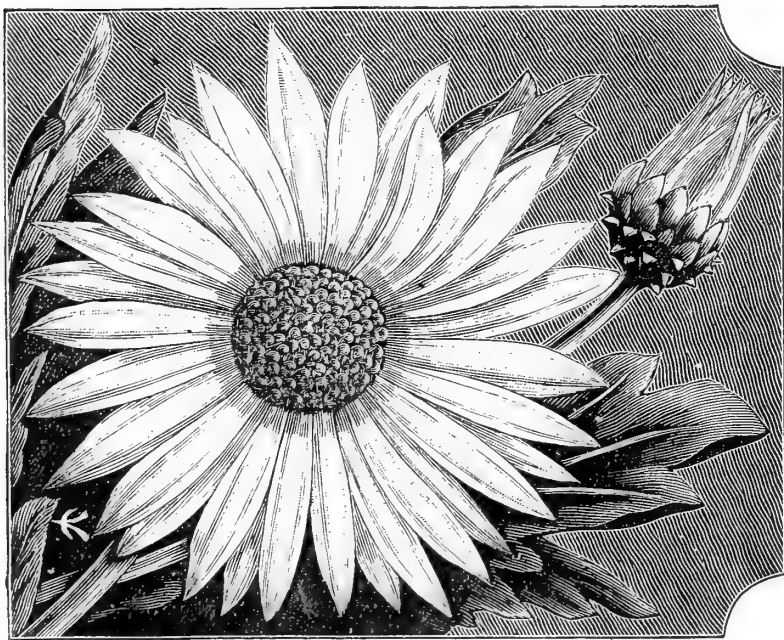
New Giant Fragrant Snapdragons—Antirrhinums.

The flowers of this new strain are of very large size, very fragrant, and are produced on immense long spikes, which render them extremely well adapted for cut flowers. They are easily raised from seeds, and will grow and bloom in almost any rich, sunny bed. Spring seedlings begin to bloom by Midsummer, and if the flowers are cut freely the flowering will be continuous till Fall. If intended for Winter flowering in the house cut them well back in September.

100—Coral Red. A magnificent rich color. **101—Daybreak.** Beautiful Pink.
102—Lovely. White with pink lip. **103—Brilliant.** Scar., golden yel. and white.
104—Crescia. Dark scarlet. **105—Firefly.** Scar. and yel. with white throat.
106—Golden King. Pure golden yellow. **107—Butterfly.** The most beautiful striped.
108—Giant White. Beautiful cut-flower. Each of above, **pkt., 5c.**

SPECIAL OFFER No. 100. One pkt. each of above 9 kinds, **30c.**

109—Vaughan's "Special Mixture" of Giant Snapdragons. Includes all the above and many others. **Pkt., 10c.; 3 for 25c.; ¼ oz., 35c.; oz., \$1.00.**



ARCTOTIS GRANDIS—THE AFRICAN LILAC DAISY.

AQUILEGIA, OR COLUMBINE.

Pretty Hardy Perennials.

115—White Spurred Columbine. (*Chrysanth. Grandifl. Alba.*) This large-flowering, pure white sort, with its fine long spurs, is perfectly hardy and a beautiful plant for pots, and if planted in groups, presents a perfect sea of white flowers. **Pkt., 10c.**

116—Double Mixed. **Pkt., 10c.**

117—Single Varieties, Mixed. **Pkt., 5c.**

118—Chrysanth. Golden. **Pkt., 10c.**

119—Vulgaris, Double White. **Pkt., 5c.**

120—Cerulea, Sky-Blue. **Pkt., 5c.**

121—Vervaneana Atroviolacea, Pl. Double Darkest Purple. **Pkt., 5c.**

ARISTOLOCHIA SIPHO. Dutchman's Pipe Vine.

125—A hardy perennial climber, of rapid, luxuriant growth with very large, heart shaped leaves. **Pkt. (30 seeds), 10c.**

126—Armeria Maritima. Purple Cushion Pink; hardy perennial. **Pkt., 5c.**

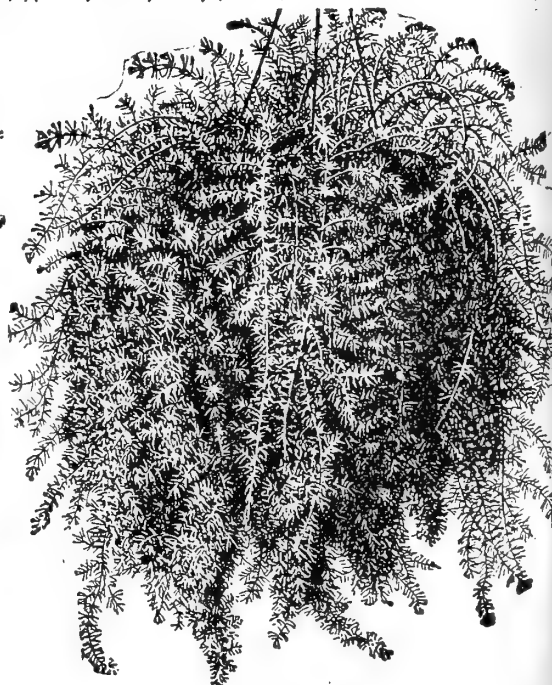
ARCTOTIS GRANDIS. The African Lilac Daisy.

128—A remarkably handsome new annual from Africa, growing luxuriantly and forming profusely branched bushes of about 2 to 2½ feet in height and breadth. The leaves are soft and whitish. Its flower heads, borne on long stems and rising well above the foliage, are large and showy, from 2½ to 3 inches across; being pure white on the upper surface, reverse of petals pale lilac. Under the influence of bright sunlight the flowers spread out almost flat, and the pure white of the ray florets contrasts beautifully to the light blue disc with its slightly projecting white stamens, a lovely combination of colors. Being of very easy culture, the plants produce their splendid flowers most abundantly and in constant succession from early Summer to the Autumn. A magnificent and prominent novelty. **Pkt., 10c.; 3 for 25c.**

130—Asclepias Tuberosa. Excellent hardy perennial. **Pkt., 5c.**



ASPARAGUS PLUMOSUS NANUS.



ASPARAGUS SPRENGERI.

ARABIS ALPINA. A Splendid Honey Plant.

133—This plant is a hardy perennial which will thrive in any soil and is particularly adapted to rock work. It grows about six inches high and is one of the earliest flowers to bloom in the Spring. The blossoms are white, resembling Sweet Alyssum, deliciously fragrant and so freely produced as to completely cover the plant. It should be in every garden. **Pkt., 10c.; ¼ oz., 25c.; oz., 80c.**

ASPARAGUS PLUMOSUS. Asparagus Fern.

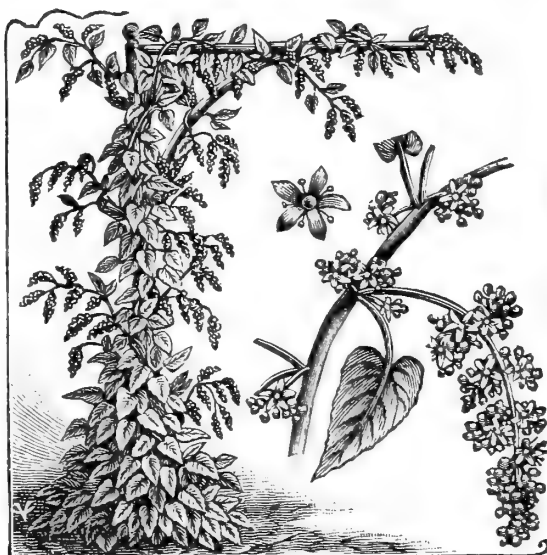
134—One of the prettiest house plants. The leaves are bright green, gracefully arched, surpassing Maidenhair Ferns in grace, delicacy of texture and richness of color. It is admirably adapted to house culture. **Pkt. (5 seeds), 10c.; 25 seeds, 35c.**

ASPARAGUS SPRENGERI.

135—Also called Emerald Feather and Abyssinian Parlor Fern. Perhaps the best new plant introduced in fifteen years. Sprays from 4 to 6 ft. long. Flowers white, followed by red berries. **Pkt., (15 seeds), 10c.**



VAUGHAN'S INVINCIBLE BALSAM.



BALLOON VINE NO. 305a.

BABY, OR FAIRY ROSES.

New Dwarf Polyantha Roses.

Roses from seed the first year.

304—The plants bloom in three months after sowing, so that seed sown in February in the house may be had in bloom in June in the open ground, where they continue to bloom throughout the season, giving about an equal proportion of single, semi-double and double flowers borne in clusters. The plants are dwarf and bushy, growing only about one foot high, and are very pretty in solid beds and borders. They are hardy and may be treated as annuals. Seed needs soaking in warm water for 48 hours. Pkt. (35 seeds), 10c.; 3 for 25c.

Baby Primrose. (See *Primula Forbesi*.)

Bachelor's Button. (See *Centaurea*.)

BALLOON VINE—Love in a Puff.

305—A rapid growing climber; thrives in light soil. One of the prettiest climbers, 5c.

305a—Hirsutum. A new kind of Balloon Vine producing its sweet-scented flowers in large clusters. A very desirable hardy climber. Pkt., 10c.

Balsams

Double Camellia Flowered.

These are (like Asters, Pansies, Phlox and Stocks) one of our specialties which we sell to our extensive florists' trade all over the country, and we know that our seed will produce fine, large double flowers in great abundance.

306—Snow White. **307—Pink.** **308—Scarlet.** **309—Light Lemon.** **310—Scarlet, spotted white.** **311—Solferino,** white, striped with purple scarlet. **312—Victoria,** satin white, spotted with scarlet.

313—Prince Bismarck. The coloring is a very bright and pleasing shade of salmon-pink, rich and glowing. The plants come into flower early and are most satisfactory as bedding plants.

314—Dark Blue.
Per pkt. of a above, 5c.; any 6 for 20c.

VAUGHAN'S INVINCIBLE BALSAMS.

318—The finest mixture in cultivation. The flowers are very large, measuring from 2 to 3 inches in diameter, of perfect form, resembling the flower of the Camellia, and are as double. In fact, the petals are so densely produced that the yield of seed is extremely small, one single plant often producing not more than 5 seeds. The colors of the flowers are varied and brilliant, comprising pure white, crimson, white shaded lilac, rose, spotted, scarlet, blue, purple and many other tints. Pkt. (100 seeds), 15c.; 2 for 25c.

Begonias

325—Vernon. As a Begonia for outdoor bedding this has no superior. The plants bloom equally as well in the shade as in the brightest sun. It is one of the handsomest, most free-blooming plants. They grow very readily from seed, and bloom when the plants are quite small. Fancy a constant bloomer, Summer or Winter, which can be raised from seed. Pkt. (1,000 seeds), 10c.; 3 for 25c.

Brachycome. **Swan River Daisy.** **333**—A dwarf free-bloomer, excellent for baskets and edgings; blue flowers. Pkt., 5c. **334**—White, 5c. **335**—Mixed, 5c.; ¼ oz., 10c.

Cacalia. **Tassel Flower.** **340**—Pretty, free-blooming plants with tassel-shaped flowers, also called Devil's Paint Brush; of easy growth. Pkt., 5c.

Calampelis Scaber. **341**—A quick growing climber with orange-colored, tubeflowers. Pkt., 10c.

327—Single Tuberous Begonias, from prize-winning varieties, in finest mixture. Pkt. (500 seeds), 20c.

328—Double Tuberous Begonias, Flowers of elegant form and substance. All colors mixed. Pkt., 25c.

329—Rex Begonias. Ornamental foliage varieties. Pkt. (250 seeds), 30c.

Bryonopsis. **339**—A beautiful Summer climber with palmer bright green foliage. It bears a cherry-like fruit which turns from green to brilliant scarlet, marbled with white. Pkt., 5c.

Calceolaria. **342**—Our seed is saved from the best European collection and will produce flowers of large size and in an endless variety of colors. Directions on packet. Pkt. (500 seeds), 25c.



THE NEW GIANT, BROWALLIA.

BALSAM APPLE AND PEAR.

321—Very curious; rapid and dense climbers, with ornamental foliage and golden yellow fruit, which opens when ripe, showing the seed and blood-red inside. Apple and Pear mixed. Pkt., 5c.

BARTONIA AUREA.

Golden Bartonia.

323—One of the brightest garden flowers. It produces its large golden blossoms all Summer in great abundance; 1 foot high; 5c.

BLUE DAISY.

332—(*Agathe Celestis*.) The flowers are the very counterpart of the Paris Daisy, but sky blue with a yellow disc; of easy growth, and produces flowers all the year. Also fine winter bloomer. Pkt. (120 seeds), 5c.

THE NEW GIANT BROWALLIA.

337—(*Browallia Speciosa Major*.) This new sort is without a doubt the most beautiful of all the Browallias. The plants grow only about a foot high, form dense little bushes, which are covered with an abundance of the most delightful sky-blue flowers, much larger than those of the other varieties. For beds, borders or pots there is hardly another plant with blue flowers that compares with it. Pkt. (50 seeds), 10c.; 3 for 25c.

338—Browallia. Mixed. Pkt., 5c.



BALSAM APPLE AND PEAR.

BALLOON VINE.



CALLIOPSIS, "VAUGHAN'S SPECIAL" MIXTURE.

Calliopsis, "Vaughan's Special" Mixture. **357**—This mixture contains all the desirable sorts and colors of these beautiful hardy flowers. A great number of kinds have been especially selected for it and we know it will give entire satisfaction. Large pkt., 10c.; 3 for 25c.

Calendula OR POT MARIGOLD.

Excellent for Bouquets and Vases.

345—C. Orange King. The grandest of all double Marigolds. Flowers of considerable size, much larger than any we have seen; outer petals slightly imbricated, while those of the center are incurved like the petals of a Pæony. Color is a rich, dark orange. Pkt., 5c.; ½ oz., 12c.

346—Meteor. Beautifully imbricated flowers with orange stripes on pale yellow ground. Pkt., 5c.; ½ oz., 12c.

349—Mixed. The above and others. Pkt., 5c.; ½ oz., 10c.

Calliopsis

Will bloom until frost, thrive in any soil and require scarcely any care. Fine cut-flower.

353—Golden Wave. Plant very bushy and compact, about two feet in height, and covered from July to October with hundreds of beautiful golden blossoms, 2 inches across. Pkt., 5c.; ¼ oz., 10c.

354—Double Sorts, mixed. Pkt., 5c.

355—Dwarf Sorts, mixed. 15 in. high, 5c.

Lanceolata. See *Coreopsis*.

356—Calliopsis. All sorts and colors mixed. Pkt. (300 seeds), 5c.; per ½ oz., 12c.; oz., 20c.

Canary Bird Vine

An Excellent Climber for Shady Places.

376—This belongs to the Nasturtiums and is a rapid growing, delicate vine with clean, handsome foliage and an abundance of bright canary-yellow blossoms. Grows to a height of 15 to 20 feet. It is also a good Rambler and fine for stumps, rockeries, etc. It makes an excellent window vine for winter and when confined to pots does not get beyond control. Pkt., 5c.; ¼ oz., 15c.; oz., 25c.

Candytuft

Hardy annuals that will grow in any soil; require no care and will bloom all Summer. Our packets contain from 300 to 400 seeds.

GIANT EMPRESS.

378—Vaughan's extra selected stock. One of the finest varieties in cultivation. It is intermediate in height between the old Rocket and the newer Tom Thumb sorts. The plant is of very branching habit, and when fully grown and covered with its pure white flowers it resembles a floral Candelabra. Do not sow too thick. Pkt. (250 seeds), 5c.; ½ oz., 15c.; oz., 30c.; 2 ozs., 50c.

NEW DWARF HYBRIDS.

379—This is a very choice mixture of dwarf-growing Candytuft, with flowers twice the size of those of the older kinds, in a large variety of colors; very good. Pkt. (250 seeds), 10c.; 3 for 25c.

SNOWFLAKE.

380—Extremely free-blooming new sort. The plants grow about 7 inches high, forming a very neat, round bush, covered with the finest pure white flowers. This is an excellent variety both for pot culture and bedding outside. A continuous bloom may be had throughout the Summer by repeated sowings at intervals of about two weeks. Pkt. (300 seeds), 10c.; ¼ oz., 20c.

381—White Rocket. 1 foot. Pkt., 5c.; ½ oz., 10c.; oz., 15c.

382—Dwarf. Tom Thumb. Edging. Pkt., 5c.; ¼ oz., 10c.

383—Lilacina. Purple lilac. 1 foot. Pkt., 5c.

384—Carmine. Dwarf; rich flowers. Pkt., 5c.

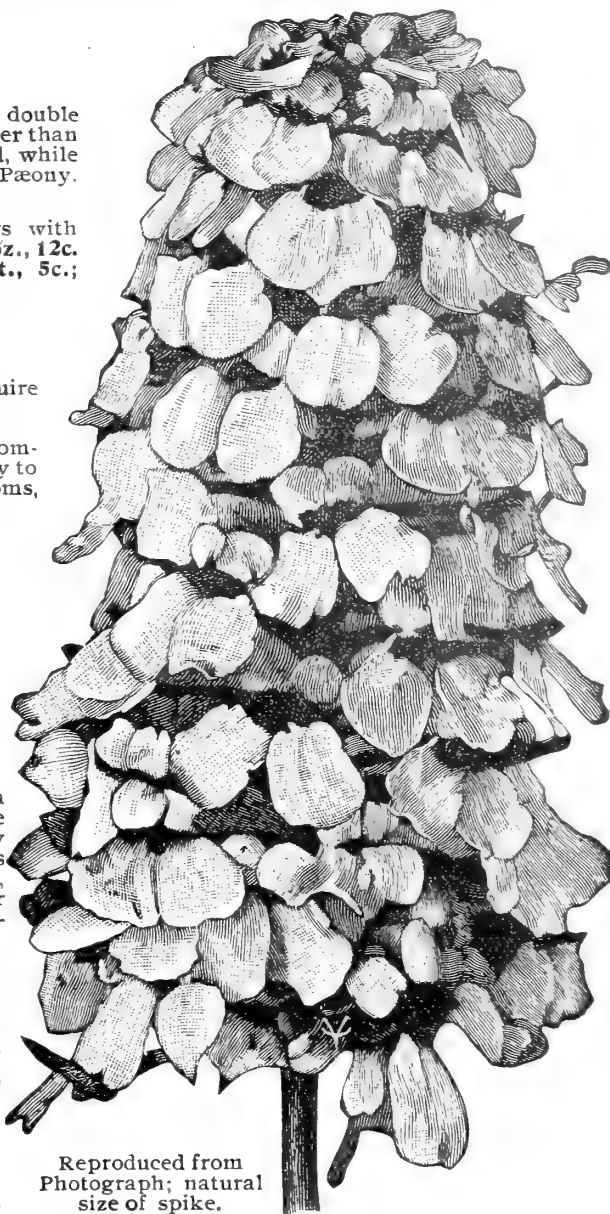
385—Odorata. Sweet-scented. Pkt., 5c.; oz., 15c.

386—Candytuft, all sorts and colors mixed. Pkt., 5c.; ½ oz., 10c.; oz., 15c.; ¼ lb., 35c.; lb., \$1.00.

PERENNIAL CANDYTUFT.

388—Sempervirens. Pretty white flowers. Pkt., 5c.

389—Gibraltarica. Large flowers; lilac, shading off to white. Pkt., 5c.



Reproduced from Photograph; natural size of spike.

GIANT HYACINTH-FLOWERED CANDYTUFT.

New Giant Hyacinth-Flowered Candytuft.

390—This improved new strain is far superior to that well-known kind, Empress, heretofore the best of its class. The flower-heads are of immense size, 6 inches long and about 3 inches across, resembling a Dutch Hyacinth. They are pure white, and furnish excellent material for cutting. Pkt. (300 seeds), 10c.; ½ oz., 20c.; oz., 30c.

CANDYTUFT—LITTLE PRINCE.

391—In appearance like the Giant Hyacinth-Flowered. The bushes grow only about 6 inches high, the spikes are very massive, pure white, and planted in a row or a mass the effect is very fine. It also makes a fine pot plant. Pkt., 10c.; ¼ oz., 15c.

392—Rose Cardinal. See *Novelties*.



CANDYTUFT, QUEEN OF ITALY.

387—This new Candytuft is probably the most beautiful of all. The plants form dwarf compact bushes which are covered with very large pink blossoms. It is one of the best of plants for borders and carpet beds on account of its habit, beautiful color, and freedom of bloom. A row of this is a beautiful sight when in bloom. Pkt., 10c.; ½ oz., 20c.; oz., 35c.



NEW GIANT FLOWERED Canna CROZY TYPE.

Bloom from Seed the First Summer.

Cannas from Seed. Our Seed has been saved from our own beautiful collection, comprising over fifty kinds. But few people know that these beautiful flowers can be so easily grown from seed, and bloom the first Summer if sown before April. There was no flower so greatly admired in our parks and our nursery during the Summer and Fall as the New Large-Flowering Cannas, and justly so, for they have no equals for stateliness, brilliancy and variety of colors and ever-blooming qualities. They produce flower spike after flower spike, and if carefully potted up in the Fall and kept in the house, they will continue to do so all Winter.

394—Giant Canna Mixture. Pkt. of 10 seeds, 5c.; 3 pkts., 12c.; oz., 25c.

395—Red Leaved Crozy Sorts. All the best varieties. Pkt. (15 seeds), 10c.; 3 pkts., 25c.

Vaughan's Mixture of New Cannas.

396—This is a mixture of the 15 new varieties of Cannas raised in our own nursery. Our packages contain one seed of each of 15 different kinds and grand results may be expected from this seed. Pkt. (15 seeds), 15c.; 2 for 25c.; per 100 seeds, 65c.

Canna Seed should be cut (at one of the points) about 1-16 of an inch and then soaked in warm water or hot water 24 hours. If treated this way and sown in January or February (in the house), blooming plants may be had in June.

Canterbury Bells

(Campanula.)

Our packets contain from 500 to 700 seeds.

360—C. Bells. Special mixture of single and double varieties in the finest and most striking sorts. Pkt., 10c.; 3 for 25c.

361—Double Annual Varieties. In the finest mixture. Pkt., 5c.

362—Single Varieties. Mixed. Pkt., 5c.

Campanula Cup and Saucer.

(Calycanthema.)

363—A beautiful variety; a most desirable and attractive addition to this class of old garden favorites. The bell or trumpet is nearly 4 inches in diameter; presents the form of a cup, hence its name; mixed colors. Pkt., 10c.

364—Calycanthema. White. **365—**Blue. **366—**Pink. **367—**Striped. Each pkt., 10c.

368—Carpathica. Harebell, blue. 5c.

369—Alba. White. 5c.

370—Macrantha. Blue, large flowers. 5c.

371—Pyramidalis. Blue. 10c.

372—Pyramidalis Alba. White. 10c.

373—Perennial Sorts. In finest mixture. 5c.



TYPE OF FLOWERS OF MARGARET AND CHABAUD CARNATIONS.



Giant Zanzibar Castor Beans.

430—The plants attain a height of 12 to 14 feet. The enormous leaves, beautifully lobed, measure 2½ to nearly 4 feet across. Each plant makes a perfect pyramid of foliage, thickly set from top to bottom with gigantic leaves. The difference between the varieties is in the coloring of the grand bamboo-like stems and long slender leaf-stalks. Pkt. (15 seeds), 5c.; oz., 15c.; 2 oz., 25c.

Castor Beans, Ricinus.

Stately, strong-growing plants, with very ornamental foliage, well adapted as center plants of groups of Cannas, Dahlias, etc. Height, five to fifteen feet.

431—*R. Borboniensis Arboreus*, Giganteus. Immense green foliage. Height, 15 feet. Pkt., 5c.; oz., 10c.

432—*Sanguineus*. Beautiful brownish red foliage. Height, 6 feet. Pkt., 5c.; oz., 10c.

433—*Cambodgensis*. Large palm-like leaves of the darkest bronze maroon; stalk and stem nearly black. Height, 6 to 8 feet. Pkt., 5c.; oz., 15c.

434—*Castor Beans*. Many sorts mixed. Per oz., 10c.; lb. 70c.; pkt., 5c.



CARNATIONS



A. Varieties that Bloom the First Summer from Seed.

Guillaud Carnation.

400—This Fine Carnation has been obtained by careful selection from the Margaret and is far superior to it or any other Carnation seed. The flowers are of larger size, better substance, greater doubleness, and more varied markings and colors, many having grounds and shadings of yellow. The Guillaud Carnation will bloom the first Summer, and if taken up in the Fall the plants will bloom during the Winter, yielding an abundance of the handsomest and most fragrant flowers. Price, per pkt. (100 seeds), 25c.

Ever-Blooming or Chabaud Carnation.

401—A new strain raised by M. Chabaud, a Carnation specialist of Southern France. The plants are of even height, as if trimmed, healthy and vigorous, the stalks stiff as wire, the flowers large, very double, deliciously sweet and in the largest and most charming color variations. These also bloom in four months from the time the seedlings are up. Pkt. (100 seeds), 10c.; 3 for 25c.

Margaret Carnation.

402—*Giant White*. Flowers very large and double, pure white, with only an occasional pink streak; plants short and stocky, with stiff stalks. Pkt. (50 seeds), 15c.

Three Splendid New Carnations.

414—*Marie Chabaud*. The Flowers of this new kind are large, double, of splendid form and deliciously sweet. In color they are of pure canary yellow with a great percentage of flowers coming true. It is the best of all the Yellow Carnations that can be raised from seed. The plants bloom in six months after sowing. Pkt. (50 seeds), 25c.; 3 pkts. for 65c.

415—*Jennie Dionis*. This is also a plant of great merit for cut-flowers. The plants grow about fifteen inches high, and produce a great many flower spikes. The flowers are very large, symmetrical, very double and sweet, and are of purest white. The seed comes almost absolutely true, and produces but a very small percentage of single flowers. Pkt. (50 seeds), 25c.; 3 pkts. for 65c.

"Glowing Coal;" 416—The large flowers of this new Carnation are of the most intense brilliant scarlet, very double, very sweet, and the plants bloom the first Summer if seed is sown before April. Pkt. (15 seeds), 25c.

SPECIAL OFFER, No. 101—One packet each of the above 3 new Carnations for 60c.

Vaughan's "Special" Carnation Mixture.

All Bloom the First Summer.

425—This is a mixture of the best strains of Giant Margaret, Malmaison and ever-blooming Chabaud Carnations, including the latest selections of yellow types. The plants will bloom the first Summer and will produce many flowers that are equal to the best florists' carnation. The plants can be lifted in September, potted, and will bloom all Winter in the house. Pkt. (100 seeds), 25c.; 3 pkts. for 65c.

Coxcomb, President Thiers. 437—One of the most dwarf of all Coxcombs, bears largest crimson combs. It has been grown in our public parks between and alongside of rows of Golden Feverfew and Centaurea Candidissima, and when so planted made one of the most brilliant strips of border bedding. It is also a very handsome pot plant. Pkt. (250 seeds), 10c.; 3 for 25c.



COXCOMB, PRES. THIERS.

New Giant Margaret Carnation.

403—Like the Margaret Carnation, the seed of this new strain will bloom in about four months after sowing, and the plants will continue to flower all through the Summer. The flowers are of very large size, measuring three inches or more in diameter; the colors include all the shades of white, pink, crimson and striped. The plants grow upright, requiring hardly any support, and their yield of flowers is wonderful. Our seed is from the originator and can be relied upon to produce largest flowers in an almost endless variety of colors. Pkt. (125 seeds), 15c.

New Dwarf Margaret Carnation.

405—Like its parent, the Margaret, this Carnation blooms in four months from sowing, but is much in advance of this type. The flowers are larger, more double, and the variety of colors is infinitely greater. The plants grow about 15 inches high, flowers always erect. If taken up in the Fall the plants bloom all winter. All colors mixed. Pkt. (125 seeds), 10c.; 3 for 25c.

Also 406—Pure White. 407—Pink. 408—Crimson. 409—Striped. Pkt., 10c.; 1 pkt. each of the 4 for 25c.

410—*Double Margaret Carnation*. Fine double mixed. ½ oz., 20c.; pkt. (120 seeds), 5c.

B. Carnations that Bloom the Second Summer from Seed.

Double Dwarf Vienna.

420—Produces double, very sweet-scented flowers in the largest variety of colors and in the greatest profusion. With a light protection they stand the Winter. Pkt., 5c.

421—*Early Red Grenadin*. For yielding a quantity of double red flowers there is no outdoor Carnation that can equal it. It will live through the Winter with little protection. Pkt., 5c.

422—*Double White Grenadin*. Our seed will produce over 80 per cent double white flowers of good form and substance. Pkt., 10c.

423—*Carnations, Extra Choice Mixed*. Saved from a rich collection of named flowers, and will produce fine varieties. Pkt., 10c.

424—*Carnations, Fine Double Mixed*. Sweet-scented sorts, large, double flowers. Pkt., 5c.

SPECIAL OFFER, No. 118—One pkt. each Dwarf Margaret Carnation, Margaret Centaurea and Mammoth Rainbow Coleus for 25c.

SPECIAL OFFER, No. 119—One pkt. each New Dwarf Margaret Carnation, President Thiers Coxcomb, Zanzibar Castor Bean for 20c.

JUST
THINK

100 Carnation Plants
from Seed
for only
10 OR 15 CENTS.

Celosia, Ostrich Feather.

The plant grows about 3 feet high, is of handsome pyramidal form, and the numerous massive plumes, which resemble an Ostrich Feather waving gracefully above the foliage, make it one of the most effective ornamental plants for either pot or outdoor planting. It is easy of culture.

440—*Crimson Ostrich Feather*, } Each, per
441—*Orange Ostrich Feather*, } pkt., 5c.

Celosia, Triumph of the Exposition.

442—The foliage is of a handsome bronze color, with fine feathery flower heads. In brilliancy of color and marvelous effect they are only equaled by the Scarlet Sage, with the advantage of beginning to bloom early in the Summer, lasting the entire season. Pkt., 10c.

443—*Feathered Varieties in Finest Mixture*. Pkt., 5c. See also novelties.



GIANT SWEET SULTAN, ONE OF THE BEST CUT-FLOWERS.
THIS SHOULD BE IN EVERY GARDEN.

ANNUAL CHRYSANTHEMUMS

See also
Novelties.

No annual furnishes so many cut-flowers as these.

- 471-C. Double White.** 2 feet. **Pkt., 5c.**
472-Double Golden Yellow. 2 feet. **P. 5c.**
474-Inodorum Plenissimum. It furnishes double snow-white flowers in great abundance through the Summer and Fall. 2½ feet, **Pkt., 5c.**
475-Eclipse. Yellow, with purple ring. **Pkt., 5c.**
476-The Sultan. Crimson maroon, single. **5c.**
477-Golden Feather. Foliage striking yellow; flowers white with a crimson ring near center, single. **Pkt., 5c.**
478-Double Annual Chrysanthemums. A fine mixture. **Pkt., 5c., ½ oz., 10c.**
479-VAUGHAN'S ANNUAL CHRYSANTHEMUMS. Single and double sorts in finest mixture, including many new varieties not listed above. **Pkt., 10c.; 3 for 20c.; ½ oz., 25c.**
Chinese and Japanese Chrysanthemums.

- 480-**The seed we offer is saved from a collection of 50 different varieties, both Chinese and Japanese, and excellent results may safely be expected. If this seed is sown in February or March, and properly treated (cultural directions are printed on the bags) the plants will bloom profusely next Fall equal to any plant started from cuttings. **Pkt. (100 seeds) 15c.; 2 pkts. for 25c.**

PERENNIAL CHRYSANTHEMUMS.

- 481-MAXIMUM. Large or Ox-eyed Daisy.** A free-blooming, hardy perennial, 2 feet high, literally covered with pure white flowers which are well adapted for cutting; lasting over a week in water. **Pkt., 10c.**
482-FRUTESCENS. Paris Daisy or Marguerite. Large, white, star-shaped flowers. **Pkt., 5c.**

"PRINCESS HENRY."

- 483-Chrysanthemum Maximum.** The finest and most valuable of the hardy Marguerite or Ox-eye Daisy varieties. The plants grow only about 18 inches high, are globular shape and very decorative; the flowers open to 4 inches and more in diameter, and give an abundant and very handsome material for cutting. It comes true from seed. It is not particular as to soil, and comes up every Summer in the same beauty for many years. **Pkt., 15c.; 2 for 25c.**
507-CLIANTHUS DAMPIERI. Glory Pea of Australia. One of the most gorgeous flowers in existence and of the few that show a clear, glossy, jet black color. The trailing plants grow 1 to 2 feet high and bear in clusters of 5 or 6 the most beautiful red flowers. **Pkt. (10 seeds), 10c.; 3 for 25c.**



BLUE EMPEROR, CORN FLOWER.



CINERARIA HYBRIDA. VAUGHAN'S COLUMBIAN.

CENTAUREA, THE NEW GIANT SWEET SULTAN.

Centaurea Imperialis. This new *Centaurea* represents the best that has been produced in these beautiful Summer-blooming plants. The bushes are about four feet high, and are covered with large beautiful flowers of the form and fragrance of *Centaurea Margaret*. The flowers will keep for over a week in water, if cut just when they are about to open. It is of easiest culture. If a package is sown every two or three weeks until July, a constant succession of bloom can be had throughout the whole Summer and Fall. This is one of the best of the hardy cut-flowers.

- 448-Pure White.** One of the best white flowers for cutting; extremely large, sweet and beautiful.
449-Armida. Very delicate color; pink with white tinge.
450-Favorita. Brilliant rose. **452-Splendens.** Brilliant dark purple.
451-Graziosa. Intense dark lilac.
453-Variabilis. White, marked purple, fading to rose.
Price of any of above six kinds:—Per oz., 75c.; ¼ oz., 25c.; pkt., 10c.
Any 3 pkts., 20c.; 6 pkts., 1 of each kind, for 35c.
454-New Giant Fragrant Sweet Sultan. All colors mixed. Per oz., 50c.; ½ oz., 25c.; ¼ oz., 20c.; pkt., 5c.
455-Bachelor's Button, or Centaurea Cyanus. Very free-blooming, hardy annual; also called Blue Bottle, Ragged Sailor, Korn Blume, etc. Mixed colors. **Pkt., 5c.; ½ oz., 10c.; oz., 15c.; 2 ozs., 25c.**
456-Blue Emperor, or Corn Flower. **Pkt., 5c.; ½ oz., 10c.; oz., 15c.**
456a-Centaurea Depressa. Is like Emperor William in color and size, but has a scarlet center and blooms earlier and longer. **Pkt., 10c.**
457-Double Corn Flower. In addition to its doubleness, this strain contains a number of new shades. **Pkt., 5c.; ½ oz., 15c.; oz., 25c.**
457a-Double White. **Pkt., 5c.**
457b-Double Sky-Blue. **Pkt., 5c.**

459-Centaurea Suaveolens, or Yellow Sweet Sultan.

This deserves to be in every garden. The plant grows about 2 feet high and its double flowers are large, sulphur yellow and sweet-scented, borne on long stems and splendid for bouquets. Plant in a dry place. It blooms all summer. **Pkt., 5c., ½ oz., 20c.; oz., 35c.**

"Vaughan's Special" Mixture of Centaureas.

- 460-**Includes all the above annual *Centaureas* and a packet will produce the loveliest cut-flowers all summer. **Large pkt., 10c.; 3 for 25c.; ½ oz., 30c.; oz., 50c.**

CENTAUREA, OR DUSTY MILLER.

- 461-Candidissima.** Leaves silvery white. **10c.**
462-GYMNOCARPA. Silver gray foliage. **5c.** These are planted for bedding, not for flowers.
470-Centrosema Grandiflora. A hardy perennial flower of rare beauty. It blooms early in June from seed sown in April; inverted pea-shaped flowers from 1½ to 2½ inches in diameter ranging in color from rosy-violet to reddish purple. **Pkt., 5c.**

CINERARIA.

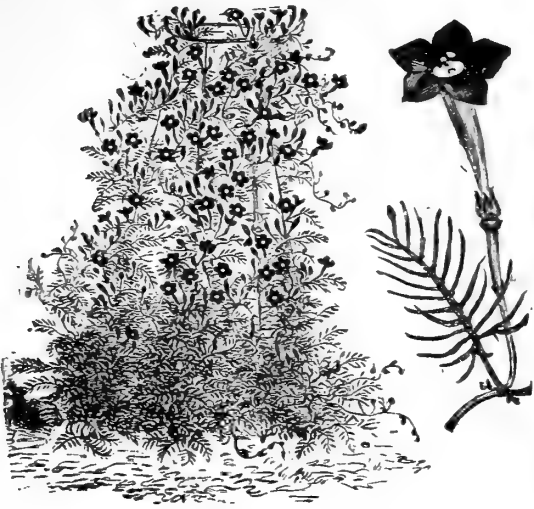
- 486-Vaughan's International Mixture.** This is a mixture of the finest English, French and German strains; the flowers are very large, from 7 to 9 inches in circumference, and in the most brilliant colors. We sell a large quantity to florists who often sell their plants for \$1.00 each. **Pkt. (200 seeds), 25c.**
487-Cineraria Hybrida, Mixed. **Pkt., 10c.**
488-Double Cinerarias. Extra fine mixed. **Pkt., 25c.**
490-See novelties.

NEW STAR CINERARIA

- 489-Cineraria Hybrida Stellata.** This new type of *Cineraria* grows to a height of three to four feet. The plants branch freely and produce their little star-shaped flowers in countless numbers. They are borne on long stems and the colors range from white to pink, rose, carmine and blue. This is an exceptionally useful plant, being very decorative in growing condition and decidedly pleasing when cut; either in vases alone, or used with other flowers for this purpose, the flowers possess great lasting qualities. **Pkt. 40c.; 3 for \$1.00.**
500-Clarkia. Single and double sorts. **Pkt., 5c.**
502-Clematis, Large Flowering. Beautiful climber, with lovely flowers, blue, white, purple, etc. Hardy; can remain in a permanent situation. Mixed. **Pkt., 10c.**
503-Clematis Paniculata. **Pkt., 5c.**

CLEOME PUNGENS.

- A Splendid Honey Plant, in Bloom all Summer.
506-It is a plant that is in bloom every day of the season, whether the weather be hot or cold, wet or dry, covered with bees all day long. Per oz., 25c.; ½ oz., 15c.; pkt., 5c.
504-COMMELINA SELLOWIANA. A lovely perpetual flowering "Wandering Jew," suitable for the garden in Summer or for pots all the year. **Pkt., 10c.**



CYPRESS VINE. (*Ipomoea Quamoclit.*)

This has the most graceful and beautiful dark green feathery foliage of all the garden vines. For a neat trellis or ornamenting the trunks of young trees it is hardly excelled.

For training upon a light ornamental trellis the Cypress Vine cannot be excelled. It has a profusion of scarlet or white star-shaped blossoms, and its finely-cut foliage is particularly adapted to ornamental work. Good for ten feet; if planted fairly thick in a good soil will make a dense screen of the most exquisite foliage and flowers.

555—White. 556—Pink. 557—Crimson. Each, 5c.

558—Cypress Vine. Many Colors. Mixed. Oz., 25c.; ½ oz., 15c.; Pkt., 5c.



MAMMOTH RAINBOW COLEUS.

516—The handsomest foliage plant obtained from seed. These Coleus are quite different from those commonly used in beds and borders, and, in fact, form an entirely new race. The plants reach a height of from 2 to 3 feet; the leaves often measure 10 inches in length and 8 inches in width, heart-shaped and handsomely crimped, toothed and frilled; their color combinations are remarkably rich, comprising all the reds, metallic greens and yellow, in shades from the most delicate to nearly black, and, indeed, pass description. Their culture is very easy, no one can fail with the seed, and with rich soil and plenty of water the most gratifying results may be had. Grown either in the garden or in pots, they are very handsome. Pkt. (250 seeds), 15c.; 2 for 25c.

517—Coleus. Many fine varieties, mixed. Pkt. (150 seeds), 5c.

COREOPSIS LANCEOLATA.

Better than Yellow Cosmos.

536—This is one of our very best of the hardy perennials, which will bloom from seed the first Summer. Flowers, large, single golden yellow. For generosity of bloom there is nothing to compare with it, and it will bear cutting far better than any other plant; at the same time it is always graceful. The roots will live through the winter with little protection. Pkt., 5c.; ¼ oz., 15c.



COBÆA VINE.

509—One of the handsomest and most rapid growing annual climbers, running up to 30 feet in a season. The flowers are bell-shaped and of a purplish lilac when full grown. It is a very prolific bloomer and perfectly hardy. For a quick growing climber, one that makes a show the first year, both in vines and flowers, one that is always clean of insects, we know of none better. Per Pkt., 5c.; ¼ oz., 15c.

510—Cobæa, White. Pkt., 10c.

511—Cobæa, Mixed. Pkt., 10c.



EARLY FLOWERING COSMOS.

537—Grace, daintiness and brilliancy are the characteristics of this pretty flower, with its yellow heart encircled with broad, deep-like petals, carried on long slender stems which rise from a cloud of feathery foliage. It is very pretty for vases and lasts often a week in the house when cut. A couple of years ago the Cosmos bloomed with the Chrysanthemum, and, being rather more tender, often died an untimely death by frost just at its first blossoming, so that it was almost useless to plant it in Northern sections, but since this Early Flowering strain has been produced it may now be had in bloom from July to November. It grows and blooms with the greatest freedom in any soil, but repays right royally the best care you can give it. Price, pkt. (150 seeds), 10c.; 3 pkts. for 20c.; ½ oz., 30c.



Cyperus, or Umbrella Plant.

553—Grows finely in water with rich soil or mud, throwing up long stalks with narrow green leaves. Easily raised from seed. Pkt., 10c.



Giant-Flowered Cyclamen.

The flowers are of mammoth size and are borne well above the foliage on long, stiff stems. The coloring includes the most brilliant as well as the most delicate shades—deep crimson, purest white, rose and white with carmine spots and flakes. The foliage is also handsome, being thick, fresh and large, deep, rich green, with showy light markings. The culture of Cyclamen from seed is comparatively easy and is surely much more satisfactory and economical than from bulbs.

545—C. Mont Blanc. Snow white, large

546—White, with pink eye.

547—Roseum. Lovely pink.

548—Dark Crimson. Deep rich color.

Any of the above, per Pkt. of 10 seeds, 15c

549—Cyclamen, Giant Flowered. Mixed. 25 seeds, 25c.; 10 seeds for 10c.

550—Cyclamen Persicum. The Persian Violet. Mixed colors. Pkt. (20 seeds), 5c

Special Offer No. 137. One pkt each Giant-Flowered Cyclamen, mixed, (10 seeds), Cosmos Dawn, Cyperus or Umbrella Plant and Cobæa, mixed, for 25c.

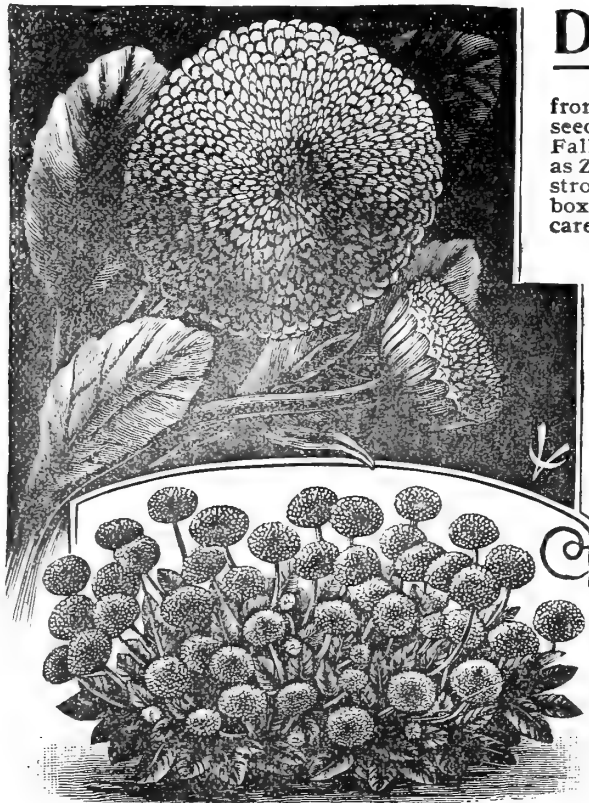
DWARF EARLY-FLOWERING COSMOS "DAWN."

538—Like the above this comes into flower early in Summer and continues until frost. The flowers are large and of a beautiful white, with just a touch of delicate pink at the base of the petals. It is a decided, most attractive and useful novelty. Pkt. (150 seeds), 10c.; 3 pkts., 25c.

539—California Giants, mixed. Pkt., 5c.; ½ oz., 15c.

540—Cosmos, Giant White. Pkt., 5c.; ¼ oz., 10c.

541—Cosmos, Giant Pink. Pkt., 5c.; ¼ oz., 10c.



VAUGHAN'S MAMMOTH DAISY.

Double Daisies

(Bellis Perennis fl. pl.)

Plants of Double Daisy will bloom the first Summer, and will continue to bloom for years if given slight protection during Winter. They are very pretty when in bloom, and deserve to be grown much more than they are. They commence blooming in April and continue to bloom until Summer. They are not very particular as to soil, but should be grown where they have partial shade.

VAUGHAN'S MAMMOTH DAISY. 576—For size of Flowers and Doubleness these have no equals. The flowers average 1½ to 2 inches in diameter, are very double, ranging in colors from snowy white to pink and blood-red, with the prettiest combinations of pink and white. Pkt. (200 seeds), 10c.; 3 for 25c.

MAMMOTH DAISY—White. 577—The flowers are enormous, of the purest white, borne on long, stiff stems. This is the best Double White Daisy in existence. Pkt. (200 seeds), 10c.

578—**SNOWBALL.** Long stem and large double white flowers. Pkt., 5c.

579—**LONGFELLOW.** Dark pink flowers usually large and double; very long and stiff flower spikes. Pkt., 5c.

580—**DOUBLE DAISIES** in best mixture, including Snowball and Longfellow. Pkt. (250 seeds), 10c.

581—**DOUBLE DAISIES.** Good mixed. Pkt. (250 seeds), 5c.

582—**Burbank's New Shasta.** See novelties.

DELPHINIUM OR LARKSPUR Perennial | 600—**Pillar of Beauty** (Formosum Larkspur. *Formosum* *Cælestinum*). One of the handsomest of hardy perennials; flowers very charming delicate blue. Pkt., 10c.

601—**Double Flowering Hybrids.** Flowers large and double. A splendid cut-flower and ornamental plant. Many shades of colors in finest mixture. Pkt., 10c.

602—**Formosum.** Bright blue. Pkt., 5c.; ¼ oz., 20c.

604—**Zalil.** Sulphur yellow, one of the most beautiful hardy perennials; the flowers resemble the finest Orchids. Pkt., 10c.

606—**Chinese Varieties.** White, blue or mixed. Each Pkt. 5c.; ¼ oz., 15c.

607—**"Vaughan's Special" Mixture of Perennial Larkspur** includes, besides the above sorts, the following choice sorts: Cashmerianum, caucasicum, glabratum, truncatum and a choice strain of Lemoine's Hybrids. This mixture is very valuable for its great variety in shades of color, which range from yellow to pure white; from the palest and most chaste lavender up through every conceivable shade of blue to deep indigo; and for the variety of size and form of their individual blooms some of which are single, some semi-double, and some perfectly double. Pkt., 25c.

608—**Kelway's New Hybrids.** See novelties.

Giant Hyacinth-Flowered Larkspur. 610—This hardy annual derives its name from the striking resemblance of the flowers to a double Hyacinth. The plants grow from 2 to 3 feet high; the colors are both brilliant and delicate. Their culture is the easiest possible; the seed should be sown early where the plants are intended to remain. Mixed. Pkt., 10c.; 3 for 20c.

Annual Larkspur. 611—**Double Dwarf Rocket.** Pkt., 5c.; ¼ oz., 15c.

612—**Double Tall Rocket.** Mixed. Pkt., 5c.; ¼ oz., 12c.; oz., 30c.

613—**Emperor.** Produces an abundance of long, slender flower spikes in the most delicate colors. Many colors mixed. Pkt., 5c.; ¼ oz., 10c.

DIGITALIS—FOXGLOVE. The Foxglove is every year increasingly cultivated in shrubberies and woodland walks. It is a hardy perennial, easily grown, and the colors are varied and beautiful. It grows easily from the tiniest seed, and the seed germinates with remarkable ease.

643—**Monstrosa.** A remarkable Foxglove. Very large, bell shaped terminal flowers. Height, 4 feet. Pkt., 10c.

644—**Grandiflora.** Bright yellow flowers, distinct. Height, 3 feet. Pkt. 5c.

645—**"Vaughan's Special" Mixture** contains all the above and many others. Pkt., 10c.; 3 for 25c.

646—**Mixed.** Many kinds. Pkt., 5c.; ¼ oz., 20c.

Dahlia Seed See Also Novelties.

But few people know, that Dahlias can be raised from seed and will bloom the first year. The seed we offer, if sown early, will bloom profusely all Fall. The seeds germinate as easily and certainly as Zinnias, and from the very first development are strong stocky little plants. Plant them in a shallow box or pan early in March or April, transplant them carefully as their growth demands, and keep the soil moderately moist. When all danger from frost is over plant them in the bed or border in the garden, and from then out they will prove no more trouble than if the tubers had been used instead of seed.

563—**Best Mixture of Double Dahlias.** Large-flowering Pompon, Cactus and Liliput. Pkt. (65 seeds), 15c.; 2 for 25c.

564—**Double Dahlias.** Good mixed, many fine varieties. Pkt., 5c.

565—**Double Cactus-Flowered.** An extra fine strain of this favorite type. Pkt. (75 seeds), 15c.; 2 for 25c.

566—**Single Giant Perfection.** This strain is a decided advance on the ordinary singles. The plants are of strong, robust habit, and produce in great abundance flowers of immense size, averaging 6 inches across, of the most bewildering variety of coloring. 1 Pkt. (100 seeds), 10c.

568—**Mixture of Single Dahlias.** Including all the novelties. Pkt., 5c.

569—**Zimpani, or Miniature Black Dahlia.** (Also called Black Cosmos.) Pkt., 5c.



Dahlias

From Seed.

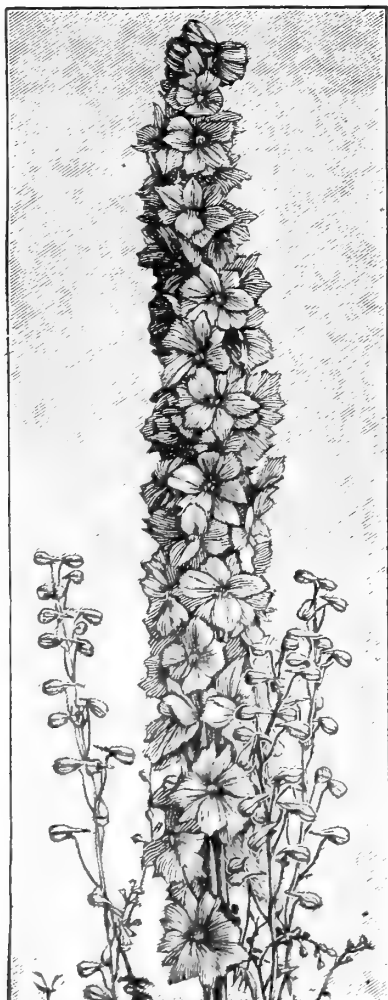
VAUGHAN'S SPECIAL DAHLIA MIXTURE. 570—Will produce flowering Dahlia plants this Summer. This mixture contains seeds from the best collections in Europe and embraces all the various strains of Double Flowering Dahlias, such as Show, Pompon, Liliput and Cactus varieties, also the single-flowering and striped sort, and the novelties on page 38, and will produce a great many extra choice varieties. If you want a low priced Dahlia bed, here is your chance. Pkt. (60 seeds), 25c.; 3 for 65c.

DATURA OR TRUMPET FLOWER. 590—**Datura Cornucopia.** (Horn of Plenty). For a showy plant Datura is excellent. The grand trumpet-shaped flowers measure from 7 to 9 inches in length and nearly 6 inches across, and form two distinct trumpets growing one within the other. The throat and mouth of the corolla are delicate white, while the outside is marbled with purple. A single plant often bears up to 200 flowers during the season. Pkt. (40 seeds), 10c.

591—**Golden Queen.** Compact, bushy plants, 2½ feet high, having numerous brilliant yellow showy flowers of gigantic size, often ten inches long and often very double. Pkt., 10c.

592—**Datura Double White.** Pkt., 5c.

593—**Many Colors Mixed.** Pkt., 5c.



TYPE OF PERENNIAL LARKSPUR.



DIGITALIS, OR FOXGLOVE.

DIANTHUS Hardy Garden Pinks. ♡ ♡ ♡

See also Novelties.

For beautiful and lasting cut flowers, ease of culture and freedom of bloom, these Hardy Garden Pinks have no superior among Annuals.

DOUBLE ANNUAL PINKS.

- 620—Double Chinese Pinks.** Our mixture of this strain is extra good and contains a large variety of colors. Pkt., 5c.; ½ oz., 15c.; oz., 30c.
- 621—Double Striped and Fringed.** One of the finest of the whole family. The flowers, which are very large and double, are beautifully fringed; greatest variety of colors. Pkt., 5c.
- 622—Double Imperial Pink.** Mixed. Pkt., 5c.; ½ oz., 15c.
- 623—Mourning Cloak.** The most striking of all Pinks. The large, double, almost black flowers have a clear fringed edge of white. Pkt., 5c.
- 624—Vaughan's Improved Double Japan Pinks.** This is a strain superior to any we have previously had. The flowers are large, double, of the brightest colors, handsomely fringed and borne on long, stiff stems, making them one of the most useful flowers for bouquets. Pkt., 5c.; ½ oz., 20c.
- 625—Snow Queen Pink.** This is an extra fine selection of the large flowering double white Japan Pink, the very best strain we have ever seen. The flowers are extremely large, often three inches in diameter and resemble a white carnation. They are produced in great abundance and are borne on long stiff stems, which, combined with the lasting qualities, render them one of the prettiest of white flowers. Pkt. (150 seeds), 10c.
- 626—Vaughan's Mixture of Double Pinks.** All of the above Double Flowering Pinks and many others in splendid mixture. Pkt. (250 seeds), 10c.; ½ oz., 25c.; oz., 40c.

SINGLE CHINESE PINKS.

- 627—**These might be described as resembling Giant Sweet Williams, with the exception that the flowers are larger, the variety of colors much greater and they bloom the first Summer from seed; they are showy and handsome, are excellent as cut flowers and bloom all Summer long. Pkt. (300 seeds), 10c.

NEW ROYAL PINKS.

- 627a—Dianthus Heddwigi Nobilis.** An improvement of the old-fashioned Indian Pink. The flowers are of a beautiful shape and from 3 to 4 inches in diameter. The petals are frilled and fringed, giving the flower a graceful appearance. The colors are, first of all, a deep yet very bright blood red, then shade to carmine and pink and even white. First-class cut-flowers, which will keep a full week in winter. Pkt., 10c.; 3 for 25c.; ½ oz., 40c.

VAUGHAN'S MIXTURE OF SINGLE PINKS.

- 628—**This mixture is a selection from the choicest sorts in cultivation. The flowers are extraordinary large, of handsome form and embrace the most beautiful colors, ranking from white to the most delicate pink and deep, glowing crimson. For beds and cut flowers. Pkt. (250 seeds), 10c.; ½ oz., 25c.; oz., 40c.

"VAUGHAN'S SPECIAL" Mixture of Hardy Garden Pinks.

- 629—**This magnificent mixture contains all the above double and single flowering annual pinks and those listed in our novelties, and will produce the largest variety of colors as it embraces all the choicest sorts. We cannot recommend this mixture too highly, as we know it will give entire satisfaction. Pkt. (300 seeds), 10c.; 3 for 25c.; ½ oz., 30c.

HARDY PERENNIAL OR JAPANESE CLOVE PINKS.

- 635—Plumarius.** (Pheasant's Eye Pink.) Handsome single fringed flowers, white with dark center. Pkt., 5c.
- 636—Plumarius, Fl. Pleno.** Double, large-flowering Pheasant's Eye Pink, with fringed edges of various colors, mixed. Pkt., 10c.
- 637—Cyclops Perpetual Blooming Pinks.** A new strain of great beauty. The plants grow from 12 to 15 inches high; flowers large, round and produced in great abundance; colors are exquisitely delicate, light rose, copper color, crimson and flesh predominating. A clove-like odor adds to their attractiveness. If sown early, they bloom the first Summer. Pkt. (100 seeds), 10c.



TYPES OF VAUGHAN'S "SPECIAL MIXTURE" HARDY GARDEN PINKS.

ECHEVERIA (Hen and Chickens).

These plants are easily and cheaply grown from seed.

- 660—Many Varieties Mixed.** These seedlings will furnish a real surprise, for few people have any idea of the great variety, both in shapes and colorings, that are found among the Echeverias. Our mixture comprises all the new sorts. 25 seeds, 10c.; 100 seeds, 35c.; 250 seeds, 75c.

ESCHOLTZIA—California Poppies

Hardy plants, bearing a profusion of richly colored flowers. Sow the seeds where the plants are wanted to bloom.

- 669—"Rosy Morn."** A distinct new shade, producing flowers of a form hitherto unknown in the Escholtzia species. The rosy, white petals are delicately channeled or fluted with tiny folds radiating from the center and richly adorned with a soft primrose yellow hue, enhancing the beauty of this charming flower, which will, we feel confident, gain admiration and praise wherever cultivated. Large pkt., 10c.; 3 for 25c.
- 670—Douglasi.** We can confidently recommend this new California Poppy on account of its extraordinary early flowering, being in full bloom at least a fortnight earlier than the other kinds. The color of the flowers, which are from 1½ to 1¾ in. across, is a pure golden yellow with a dark yellow center. Foliage glaucous and finely divided. Pkt., 10c.
- 671—E. Maritima.** A very pretty sort, whitish gray Double Sorts, 680, White. 681, Rose. 682, Yellow. 684, Mixed. Each pkt., 10c.
- 685—Vaughan's "Special Mixture" California Poppies.** This mixture includes all the above single and double sorts, and is the finest and most complete mixture of these charming annuals in existence. Pkt., 10c.; 2 for 15c.; ½ oz., 25c.; oz., 40c.

- EDELWEISS. 664—**The true and famous Edelweiss of the Alps. The flowers are of downy texture, pure silver-white and star-shaped. Succeeds in almost any not too rich soil, with full exposure to the sun. Pkt., 10c.

Special Offer No. 126—One packet each, Vaughan's Improved California Poppies, Vaughan's Special Mixture of Hardy Garden Pinks, Edelweiss and Pheasant's Eye Pink, "Cyclops," for 35c.



THE GOLDEN WEST.



Bouquet of Ornamental
Grass and Ever-
lastings.



GOMPHRENA, OR GLOBE
AMARANTH.

Everlasting Flowers.

These are not only very ornamental during the Summer, but very pretty for Winter decoration, lasting for years when cut and dried.

- 690—*Ammobium*. White, on long stems.
691—*Acroclineum*. Double and single.
692—*Helichrysum*. All colors mixed; splendid for bouquets; can be dyed any color.
693—*Gomphrena*. Clover-like heads, mixed.
694—*Rhodanthe*. Mixed, very pretty sort.
695—*Xeranthemum*. Double; mixed.

All of these will grow in common garden soil.
Any of above, pkt., 5c.; any 3 for 10c.; one pkt. each of the six, 15c., postpaid.

Ornamental Grasses.

696—These are most useful for Winter bouquets; enormous quantities of them are annually grown in Germany and exported to the United States, where they are made into bouquets with Everlasting Flowers. They are easily grown in any soil. Pkt., 10c.; 3 for 20c.



Gaillardia, or Blanket Flower.

723—*Perfection*. The now well-known Gaillardia *Lorenziana* is undoubtedly one of the most valuable annuals we have for cut flowers. This variety, an improvement on the above sort, produces very double flowers as round as a perfect ball, in the most varied color, and are borne on long, slender stems; when cut will keep over a week. Pkt., 5c.

Hardy Perennial Gaillardias.

724—These are undoubtedly among the choicest of hardy perennials; the flowers are large, very numerous, excellent for cutting and of the most brilliant shades of orange, crimson, scarlet and vermilion, and very often a combination of all these colors in one flower. Many colors mixed. Pkt., 10c.

IN ORDERING FLOWER SEEDS,

It is only necessary to state quantity (number of packets, ounces or pounds) wanted, the number in front of each variety and price.



FORGET-ME-NOT, or Myosotis.

They succeed best in a damp, shady situation, but will thrive well in any garden soil.

700—*Vaughan's Early and Late Flowering*. This sort will bloom in eight weeks after sowing and will bring forth its lovely blossoms throughout the whole Summer and Fall and continue through the Winter if taken up and potted. The flowers are borne on long, stiff stems, are of most exquisite sky-blue with a delicate white center, and they furnish the prettiest cut flowers one could wish. Forget-me-nots will, like other plants, respond to good treatment, but they are satisfied with moisture and a somewhat shaded position. Pkt. (150 seeds), 10c.; 3 for 25c.

701—*Blue Alpine*. Pkt., 5c.

702—*White Alpine*. Pkt., 5c.

703—*Eliza Faurobert*. Flowers large sky-blue, with clearly defined yellow eye. Pkt., 5c.

704—*Victoria*. The flowers are large and of a bright azure-blue, with yellow centers. The plants form neat bushes completely covered with blooms. A valuable variety for cut flowers. Pkt., 10c.

705—*New White Victoria*. Pkt., 10c.

706—*New Pink Victoria*. Pkt., 10c.

707—*The Three Victorias*. Mixed. Pkt., 10c.

708—*Dissitiflora*. One of the best of all the Forget-me-nots. It is of a remarkably compact habit and a profuse bloomer, having the appearance when in full flower of sheet of exquisite blue. Pkt., 10c.

709—*Forget-Me-Not*. Mixed. Pkt., 5c.

NEW LARGE-FLOWERING FUCHSIA PRESIDENT GOSELLI.

BLOOMS FROM SEED IN 6 MONTHS.

719a—This is one of the prettiest of the Fuchsias. It belongs to the Fulgens class, but is far superior to the type. The plants commence to bloom when they are quite small, the tip of every branch produces flowers. They are from two to three inches in length and are of the brightest coral-red. The leaves are reddish in the spring so that the plants resemble Coleus. We recommend this new Fuchsia to every one who wants a free-blooming house plant of easy culture. Pkt. (35 seeds). 25c.



FOUR O'CLOCKS, or Marvel of Peru.

This is another good old-fashioned flower. This plant bears hundreds of flowers during the season, of white, yellow, crimson and violet, some varieties combining two or more of these colors in spots, flakes and splashes in such manner as to give the flowers a most "bizarre" effect. The plants grow into little shrubs two feet or more high, and about three feet across, therefore it is necessary to give them plenty of room to develop in.

711—*Four O'Clocks, Mixed*. Includes variegated leaved sorts. Lb., 60c.; 1/2 lb., 20c.; oz., 10c.; pkt., 5c.

712—*Sweet Scented*. (*Longiflora*.)

Flowers white and very fragrant. Pkt., 5c.

713—*Variegated-Leaved Sorts*. In finest mixture. Oz., 15c.; Pkt., 5c.

714—*New Dwarf Sorts*. These are fine plants, growing about 12 inches high, each forming a bush covered with flowers. All colors mixed. Pkt., 5c.; oz., 15c.

717—*FREESIAS*. These pretty, bulbous plants, with their sprays of very fragrant and dainty white flowers, can be raised from seed and made to bloom the first year. Their beauty and delicate fragrance well repay the care given. Pkt., 10c.



Fuchsia.

719—Well-known house plants. They bloom the first year from seed if sown reasonably early. Double and single varieties mixed; Pkt., (50 seeds), 15c.



Kelway's Hardy Gaillardia.

725—This is to our knowledge the choicest strain of Hardy Gaillardias. The flowers are of enormous size, and the colors the most varied we have ever seen. This is one of the hardy perennial plants that no garden should be without, and it might by rights be called an everblooming plant, since it bears flowers for about three months. Our seed is from Kelway direct. Pkt., 25c.; 3 for 65c.

735—*Geum Coccineum Plenum*. Flowers bright scarlet, double; last well when cut. Pkt., 5c.

Gloxinia.

A magnificent class of house blooming, bulbous plants with handsome, bell-shaped flowers in a diversity of the richest colors. Our International Mixture contains the finest English, French and German strains; produce most beautiful flowers.

738—*G. International Mixture*. The best strain in existence, embracing all colors, the largest flowers and the latest novelties. Pkt., 25c.

739—*Gloxinia*. Fine mixed. Pkt., 10c.

750—*Golden Rod*. Pkt., 5c.



GERANIUMS FROM SEEDS.

These grow readily from seed and produce blooming plants the first Summer. There is a great deal of pleasure in watching them develop from seed, and there is always the chance of securing something new and desirable in that way.

- 730—Splendid Mixed.** Planted early, they bloom the first Summer. Pkt., 5c.
731—Zonale Varieties. Saved from some of the finest collections and many choice and even entirely new varieties may be expected. Pkt., 10c.
733—Lady Washington. Pkt. (25 seeds), 20c.
734—Apple-Scented. Fragrant. Pkt. (25 seeds), 10c.

NEW GILIA SNOWBANK. *Gilia Dichotoma.*

736—The handsomest, most useful and decorative of the *Gilia* family. The plants grow about 8 inches high and are actually smothered with flowers, which are of snowy whiteness. When planted in a border the effect produced is similar to a ribbon or bank of snow, so completely hidden are the foliage and flower stalks. This plant is useful for all sorts of bedding, especially for park and cemetery work. Pkt., 10c.



GODETIA. Of hardy annuals none are more beautiful than these. They are of a dwarf habit of growth, the flowers are of handsome shape, in the most brilliant as well as delicate colors, and are produced in marvelous profusion. Of easiest culture. A child can grow them.

- 746—Godetias.** Many sorts and colors, mixed. ¼ oz., 12c.; pkt., 5c.
747—Dwarf Sorts, Mixed. Every plant will form a neat little globular bush covered with pretty flowers. Pkt., 10c.; 3 for 25c.

JACKSON CO., MISS.—Am well pleased with the seeds received from your house. My Sweet Peas grew from 5 to 8 feet in height, a brilliant mass of flowers admired by every one that saw them. After seeing the success I had several of my friends intend ordering from you hereafter. I had flowers the second week in May. One of my bouquets measured 36 in. I consider I had wonderful success.

FLORA GRIFFIN.



ORNAMENTAL GOURDS.

A GOOD CLIMBER.

These are rapid growing climbers, therefore desirable for many places where an immense amount of vine is wanted quickly. Most sorts are good for twenty to thirty feet in a season and the blossoms of some are quite striking and handsome. Particularly is this the case with the *Luffa* or Dish Cloth

Gourd. With all sorts the fruit is unique and ornamental, and often useful. If you have an old tree, dead or nearly so, Gourds will cover it to perfection. The small, fancy Gourds are excellent toys for children, while the larger Gourds may be used as dippers, sugar troughs, or bowls.

- 760—Towel Gourd, or Luffa.** Many ladies prefer a dish cloth made of this Gourd to anything else, as it is always sweet and clean as long as any part of it is left. Pkt., 5c.
761—Sugar Trough. They have thick shells which are very light but durable. Pkt., 5c.
762—Dipper Gourd. Valuable for household purposes; makes an excellent dipper. Pkt., 5c.
763—Japanese Nest Egg. Resembling in color, shape and size the eggs of hens; are uninjured by cold or wet, and therefore make the best nest eggs. Pkt., 5c.
764—Hercules Club. Grows 3 to 4 feet long. 5c.
765—Large Bottle Gourd. Handsome and useful. Pkt., 5c.
766—Ornamental Pomegranate, or Queen Anne's Sweet-Scented Pocket Melon. A very Curious and useful fruit. It makes a pretty vine and a very showy fruit, which has a delicious perfume; carried in the pocket or laid on the mantle it imparts a delicious fragrance; served with sugar it makes a dainty dessert. Pkt. (20 seeds), 5c.
767—Gourd Orange. The well-known Mock Orange. Pkt., 5c.
768—Pear Shaped. Striped yellow and green. Pkt., 5c.
769—Turk's Turban. The most peculiar of all. Pkt., 5c.
770—Mixed Gourds. All the above and many others. Pkt., 5c.; ½ oz., 15 c.; oz., 25c.
775—Gourd. 10 different kinds, 30c.
776—Collections. 6 different kinds, 20c.

HORNED AFRICAN CUCUMBER.

813—The vine is handsome and exceedingly luxuriant. One hill will cover a trellis at least 10 feet square with a solid sheet of dark green through which the sun cannot penetrate. It is the fruit, however, which is the most curious and distinct feature. When the fruits ripen they turn a brilliant orange and yellow, and are then highly ornamental. These ripe fruits will keep sound and perfect for weeks. The young fruits make most excellent pickles, and from this state up to their full size they can be eaten green. Pkt., 10c.; 3 for 25c.

HELIOTROPE.

Among fragrant flowers *Heliotrope* is one of the sweetest. It is well adapted for bedding out during summer, where it produces an abundance of bloom. It is a splendid pot plant for summer blooming, and may be made to produce flowers through the winter months with proper care. They are easily grown. They produce flowers in all shades of blue, also white. Nothing is finer for bouquets, they are so dainty, and the sweet vanilla odor is liked by all.

Mammoth Flowering Heliotrope.

791—Blooms from seed the first year, and as early as Sweet Peas or Balsams. *Heliotrope* will bloom as easily from seed as any of the common annuals. Pkt., 10c.; 3 for 25c.

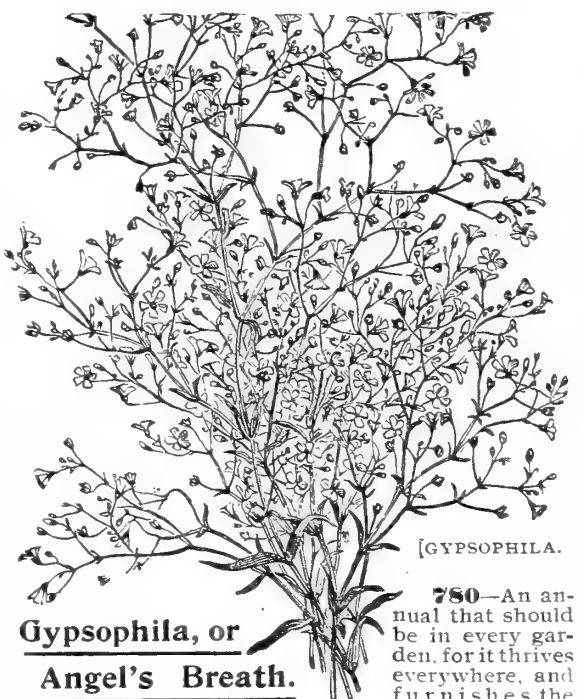
Helichrysum. (See Everlasting Flowers.)



GREVILLEA—SILK OAK.

GREVILLEA ROBUSTA, or Silk Oak.

777—One of the quickest growing of ornamental house plants. It is easy to manage, grows rapidly from seed, and is pretty in all its stages of growth. With its long, drooping, silky foliage it reminds one of a palm or fern. Pkt. (20 seeds), 10c.



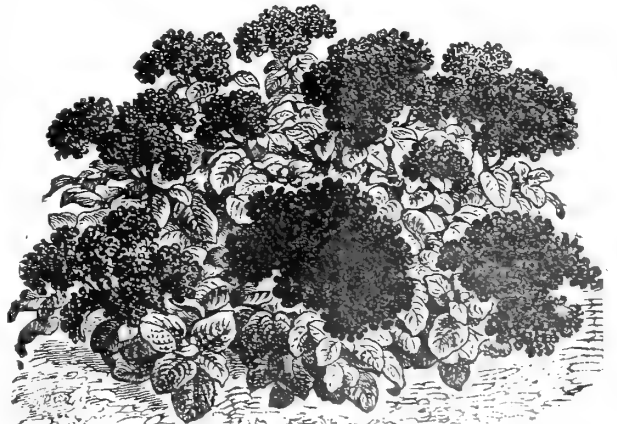
[GYPSOPHILA.

Gypsophila, or Angel's Breath.

780—An annual that should be in every garden, for it thrives everywhere, and furnishes the loveliest material for all kinds of bouquets, either roses, carnations, dahlias, or anything else. As our illustration shows, the tiny little flowers are borne in abundance, on long, graceful, branching stems, which lend a most graceful, light appearance. Pkt., 5c.; ½ oz., 10c.; oz., 15c.

781—Gypsophila Elegans, Pink. Just like above, except in color, which is a delicate pink; splendid for carpeting in rose or lily beds. Pkt., 5c.; ½ oz., 10c.; oz., 15c.

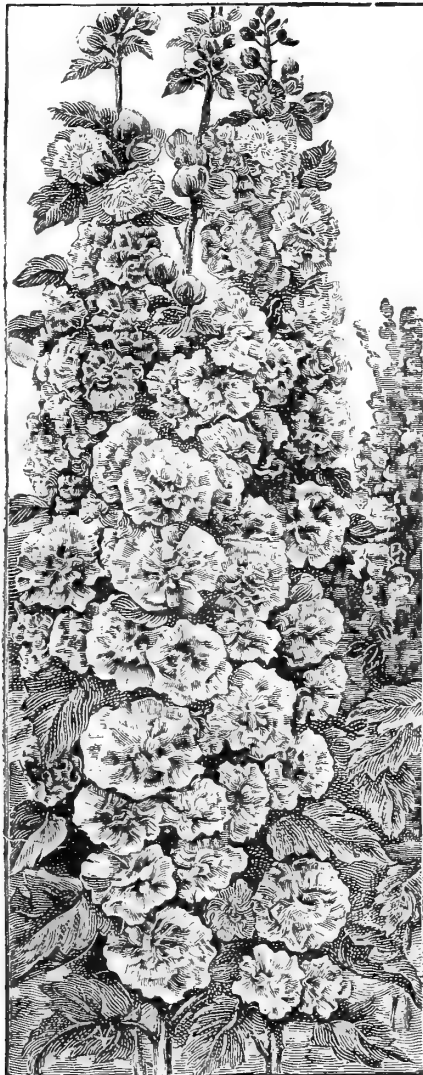
782—Gypsophila Paniculata (Baby's Breath). Flowers white. A hardy perennial which will stay in the ground all Winter. Pkt., 5c.



Flowering Heliotrope Plants.

From Seed sown in Spring.

It is but little known that seed sown in February and March will produce large flowering plants the first Summer. Our mixture contains seeds from many named sorts and will produce fine plants with proper treatment. Cultural directions on each pkg.
790—Heliotrope. Mixed. Pkt. (100 seeds), 5c.



794—Hesperis. (Sweet Rocket.) Mixed. Pkt., 5c.
795—Heuchera Sanguinea. A hardy perennial of great merit. Plants grow about 18 inches high, and produce their flowers in long, graceful trusses of the brightest crimson. They are exceedingly handsome and valuable for cut flowers. Pkt. (200 seeds), 10c.

Hibiscus, Giant Golden Bowl. 797—The flowers of this magnificent Hibiscus are from 6 to 9 inches in diameter. Their color is a rich, deep cream, with a velvety, crimson and maroon center. The plants grow from 3 to 5 feet high, and bear from 10 to 20 of their gigantic bell-shaped flowers at one time. They commence to bloom when the plants are quite young and continue until late in the Fall. They are perennials and can be taken up in the Autumn and wintered over while in the South they are quite hardy. They are very easily grown from seed, which should be started in house to prolong the flowering season. Pkt. (40 seeds), 10c.

Hibiscus, Crimson Eye. 798—These immense flowers of pure white, with a large crimson eye, often measure 7 inches in diameter, and a plant will often have as many as fifty of them. It blooms from seed the first year, sown in the open ground. A perennial, and lasts year after year. Pkt., 5c.

Mammoth Allegheny Hollyhocks. 810—If sown early, blooms the first year from seed. A New Type of Hollyhock. This grand new flower is a decided improvement in more than one particular over the old-fashioned variety. Its first point of merit is the fine transparent, fringed, chrysanthemum-shaped flowers which look as though they were made of crushed silk. It is a perpetual bloomer. The colors are shell pink, rose and ruby-red, a shade or two deeper at the center, and exquisitely tinted towards the edge. The flowers do not, as on the other double Hollyhocks, rot on the stem, but drop as soon as they fade. One has to see this plant in bloom to appreciate its clear, transparent colors, which make a row shine with rainbow effect. We advise everybody who has a garden, no matter how large or small, to sow a packet of seed of this beautiful plant, Extra Selected Seed, per pkt. (60 seeds), 10c.; 3 for 25c.

810A—New White Allegheny Hollyhock. This is a fine selection of White flowers, double and semi-double, entirely new. Pkt., 20c.

Vaughan's Manure for the Home Garden.

This is suited for all kinds of flowers, vegetables and the lawn, being a high grade complete Fertilizer, just what is needed to make plants grow and produce fine vegetables.

This manure is much easier to handle than stable manure; it is cleaner, odorless, and in most cases cheaper. As to the quantity required, it takes from 3 to 5 lbs. to 100 square feet of garden. A 100 lb. bag is therefore sufficient for a garden of 2000 square feet. Price, 5 lb. box, 30c.; 10 lbs., 50c.; 25 lb. bag, \$1.00; 50 lbs., \$1.60; 100 lbs., \$2.75; 200 lbs., \$5.00; 500 lbs., \$11.00.

Vaughan's Prize Hollyhocks.

All our seeds of this beautiful plant have been saved from the finest and largest double flowers only and will produce flowers extremely double and in the best, brightest and most charming colors. Sow early.

For Roots see Plant Department.

800—Double White. **801—Pink.** **802—Crimson.** **803—Canary Yellow.** **804—Salmon.** **805—Faust,** black, edged with white. Per pkt., 10c., any 3 for 20c.

806—Vaughan's Prize Hollyhocks, in the largest variety mixed; includes all the above named separate colors and others. Pkt. (100 seeds), 10c.; 3 for 25c.

808—Double Hollyhocks. A good mixture. Pkt., 5c.

809—Single Hollyhocks. Our mixture contains all colors. Pkt., 5c.; ¼ oz., 15c.; ½ oz., 25c.; oz., 40c.



VARIATED JAPANESE HOP.

Variegated Japanese Hop.

815—There is no hardier climbing vine than the Japanese Hop, and for quick smooth resistance to drouth or insects it has no equal. This new sort possesses all the good qualities of its parent, and in addition has beautifully variegated foliage, splashed and streaked with white. Pkt., 10c.

816—Green-Leaved Japanese Hop. One of the most rapid growing ornamental climbers. Pkt., 5c.; ¼ oz., 10c.



BUSH ESCHOLTZIA.

Bush Escholtzia, or Hunnemannia.

817—This is a most beautiful plant and we want every one of our customers to plant at least one packet of it on the strength of our recommendation. The plants grow into a shrubby bush, 2 feet high, and produce large cup-shaped flowers 3 inches across on stems 12 inches long. The color is of clear, bright yellow, the petals are broad and crinkled, like crushed satin. The flowers keep in water for two weeks. Large pkt., 10c.; ¼ oz., 20c.

Impatiens Sultani, Zanzibar Balsam.

827—One of the prettiest plants for pot culture and also outdoor planting in a half-shaded situation; are remarkable for their long duration of bloom. It is very charming for Winter blooming, as when the plants are only a few inches in height they commence blooming, and continue through the entire season, sending out perfect masses of rosy flowers which are very lovely in contrast with the glossy green of the foliage. There are very few more satisfactory plants for Winter blooming. Pkt. (25 seeds), 10c.

Ionopsidium, or Diamond Flower.

830—A most charming little flower for pot culture. Seeds sprinkled in a pot will bloom in a month. If scattered around on pots in which other plants are growing they will make a most charming effect. The plants grow about 2 inches high and are covered with glistening white and violet flowers. Pkt., 5c.



Climbing Dolichos. Also called Hyacinth-Bean or Japanese Wistaria Bean.

820—Princess Helen, or "Daylight." One of the prettiest climbers. Of very rapid growth, the plant is indifferent to bad weather, and it will grow to a height of 15 feet by Mid-Summer. The flowers, which appear in great numbers, are snow-white, sweet-scented and are followed by cream colored pods which hang to the plants until late in the Fall. Pkt. (20 seeds), 10c.; ½ oz., 20c.

821—Purple Soudan. A very curious and highly decorative climber, much earlier than the ordinary Dolichos and also much more floriferous. The stems are intense purple color, and the beautiful long flowers, that are produced during the whole Summer, are of a brilliant rose, contrasting strikingly with the dark foliage. The seed pods are themselves an ornament to the plant, owing to the dark-red color. Stands heat exceedingly well and for covering walls, trellises, etc., will be found invaluable. Pkt. (20 seeds), 5c.; ½ oz., 15c.

822—Hyacinth Bean. All kinds mixed. Pkt. (20 seeds), 5c.; ½ oz., 10c.; oz., 15c.; 2 oz., 25c.; ¼ lb., 40c.

825—Ice Plant. (Mesembryanthemum.) Suitable for rock work, hanging baskets, etc. Foliage thick, flowers frosted, wax-like. Pkt., 5c.

INCARVILLEA VARIABILIS NANA.

828—New compact growing variety of this beautiful Bignoniacea, attaining but about one foot in height. The plants are completely covered with the pretty pink flowers. When sown early these plants may be treated as annuals producing thus far flowers without interruption from June to October. Pkt., 25c.

Incarvillea Delavayi.

829—The flowers which resemble a Gloxinia in shape, are produced on stout stalks, about 3 feet high, and are of a rosy-carmine color, spotted with yellow; the throat is brown. It is of easy culture, and it will bloom during the first year if the seed be sown in a cold frame very early in the Spring. It proved hardy in Chicago with a protection of leaves. Pkt. (20 seeds), 15c.; 2 for 25c.

We put our name on strains of seed we control. We monopolize them because they have extraordinary merit. Pick out those special strains in ordering and you will be repaid.



KENILWORTH IVY.

KENILWORTH IVY.

831—One of the most beautiful of basket or vase plants is Kenilworth Ivy (*Linaria Cymbalaria*), and it can be grown from seeds by anyone as readily as a Morning Glory. Seedling plants are of rapid growth, come into bloom in a few weeks, and make long drooping sprays of exquisite foliage thickly set with lovely little flowers. The plant thrives in a cool, dense shade, and likes plenty of moisture about the roots. The plants are hardy perennials with protection at the north, and are excellent for carpeting a bed of Roses or Gladiolus. For a north window, or a window which the sun does not reach, this lovely basket plant is just suited. It also does well in plant vases kept in a shaded place. Pkt., 5c. **832**—White. 10c.

KOCHIA SCOPARIA, or Summer Cypress.

833—The plants grow freely from seed sown in the open ground, when the trees are coming out in leaf, and from the earliest stage of growth in the spring until they reach maturity in the Fall the plants are always of globe-like form. The plants branch freely, and the stems are clothed with slender light-green leaves. Early in the Fall the ends of the shoots are thickly set with small bright-scarlet flowers,—the bushy plants resembling balls of fire. The plants are equally showy, planted singly to show the round ball-like form on all sides, or grown in continuous rows or hedges. Pkt., 10c.; 3 pkts. for 25c.

LANTANA, New Dwarf Compact Bedding Hybrids.

835—Of dwarf and compact growth, they will be found a great improvement upon the older sorts and a splendid acquisition to our list of window and garden flowers. Pkt. (25 seeds), 10c.

836—*Lantana Hybrida*. A very pretty perennial plant, suitable for outdoor use in Summer and for house culture. Flowers Verbena-like in many colors, 5c.

LEMON VERBENA.

845—The seed of this grand old favorite is very scarce. Our seed is fresh and pure. The leaves are delightfully fragrant and refreshing. It grows easy from seed and lives from year to year. Pkt. (60 seeds), 10c.

846—*Linum*. (Flowering Flax.) Flowers bright scarlet. Pkt., 5c.

LOBELIA.

A dwarf plant with delicate, graceful foliage and pretty, fine flowers. Of value chiefly for hanging baskets and borders. H. H. P.

851—*Lobelia Ramosa*, "Heavenly Blue." The beautiful plants grow in neat, compact bushes from 9 to 12 in. in height, producing flowers almost 1 in. in diameter, of the most delightful blue. It is a very useful and handsome plant, either for pots or for mixed borders. Pkt. (350 seeds), 10c.

853—*L. Erinus*, Emperor William. Dwarf, dark blue. Pkt., 5c.

854—*Crystal Palace*. (Compacta.) Deep blue, dark foliage; the best bedding sort; 6 in. high. Pkt., 10c.

855—*Speciosa*. Dark blue, best for hanging baskets. Pkt., 5c.

856—*White Gem*. Grand sort for ribbon and carpet bedding and for pots. Pkt., 10c.

857—*Mixed Colors*. Pkt., 5c.

858—*Splendens*. A half-hardy herbaceous plant producing large, intense scarlet flowers. Pkt., 10c.

MARIGOLDS.

865—*Eldorado*. Immense flowers, 9 to 14 inches around; double; primrose, lemon, orange and golden shades. 3 feet. Pkt., 5c.; ½ oz., 10c.

866—*Lemon Queen*. Flowers are very large and double; plants about 18 inches high. Pkt., 5c.

867—*Double African Marigold*. Mixed. Pkt., 5c.; ½ oz., 15c.; oz., 25c.

868—*Imported Collection of Double African Marigolds*. 6 colors. 20c.

869—*Vaughan's Special Mixture of Double Tall African Marigold*. Pkt., 10c. 3 for 25c. Includes all the best colors; made up from separate sorts.

875—*Legion of Honor*. One of the prettiest and handsomest of the Marigolds. The plants grow 9 in. high, are insect and drought proof and will bloom from the middle of Summer until late in Fall. Flowers rich golden-yellow, marked with velvety brown. Pkt., 5c.

876—*Dwarf Gold Striped*. Rich velvety maroon, striped with gold. Pkt., 5c.

877—*Double French Marigold*. Mixed. Pkt., 5c.; ½ oz., 15c.; oz., 25c.

878—*Imported Collection of Double French Marigolds*. 6 colors. 20c.

879—*Vaughan's Special Mixture Dwarf Marigolds*. Pkt., 10c.; 3 for 25c.

Matricaria. **886**—*Double Feverfew*. Lovely little plants with double white flowers and pretty curled foliage. Pkt., 5c.

Martynia. **885**—A plant with singular seed vessels, used for pickles. Pkt., 5c.

Maurandya. **887**—This vine is better than any of the Ivies for the window garden and almost equal to Smilax in delicate beauty. It is hardy even out of doors and needs no extra care to succeed inside. It blossoms profusely, is easily grown from seed and roots readily from cuttings. *Maurandya* is decidedly a vine for the amateur. Mixed color. Pkt., 10c.

VAUGHAN'S GIANT MACHET MIGNONETTE. **890**—There is no Mignonette which can equal this.

Its flowers are larger in every way than those of other sorts, the spikes are very dense, its foliage is distinct, being crinkly, while its odor is strong and most delicious. The plants grow in handsome bush form and the flower spikes are borne on stiff wiry stems. It is the **Best Mignonette** for all purposes, either for pots or for the garden. It is an **Everbloomer**, the flowers lasting until late in the Fall. We supply this sort largely to our florist customers. Our seed is grown with the most scrupulous care and it gives entire satisfaction. Do not fail to get **Vaughan's Giant Machet** for sowing in your garden and another package to sow in pots in June or July to bloom next Winter. Pkt., 10c.; 3 for 25c.; ½ oz., 40c.; oz., 65c.

891—*New Giant Mignonette, Glory of Anjou*. This new Mignonette, which was awarded a prize at the Paris exposition in 1900, is the largest of all Mignonettes. It is entirely distinct from other kinds by its large, rich, crinkly foliage. The spikes are very long and thick, red and very sweet. The plants grow very tall and might justly be called a "Giant Tree Mignonette." Pkt., 10c.; 3 for 25c.

893—*Giant Red*. This wonderful Mignonette grows 12 to 16 inches in height, in pyramidal form; its enormous flower spikes are of the largest size, the individual blossoms of an intense red color and are very sweet scented. One of the best for cut flowers and pots. Pkt., 10c.; ½ oz., 20c.

894—*Large-Flowering Pyramidal*. Flowers very sweet, stems large and stiff. One of the best for cut flowers. Pkt., 5c.

895—*Grandiflora*. Large-flowered. ¼ lb., 25c.; oz., 10c.; pkt., 5c.

896—*Parson's White*. Distinct, almost white. Pkt., 5c.

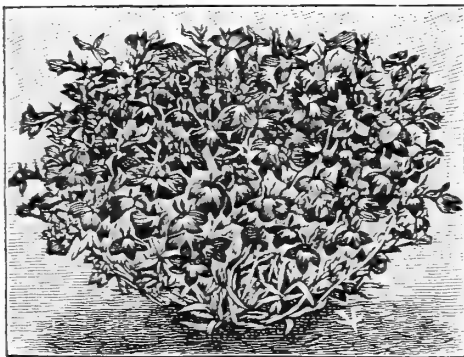
897—*Gabriele*. New, red-flowering; very sweet, spikes very thick; one of the best. Pkt., 5c.

898—*Nana Compacta Multiflora*. Dwarf; flowers red and very sweet. Pkt., 5c.

899—*Golden Queen*. Golden flowers. Pkt., 5c.

900—*Mixture of Many Sorts*. Oz., 15c.; ½ oz., 10c.; pkt., 5c.

901—*Giant White Spiral*. Very long white spikes produced in great abundance; a most excellent cut-flower. Is not fragrant. Pkt., 5c.



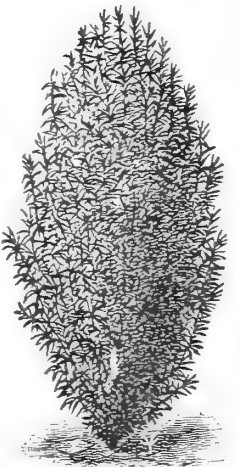
LOBELIA, "BEDDING QUEEN."

Lobelia erinus pumila splendens.

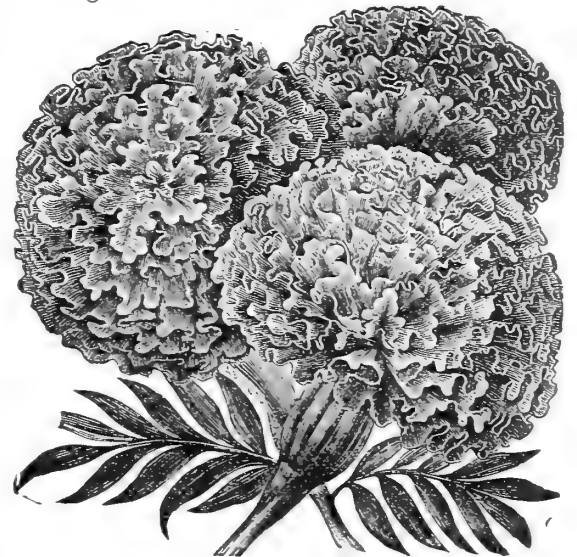
850—This new variety is undoubtedly the most remarkable and magnificent of the dwarf Lobelias. The habit of the plant is very dwarf and compact, forming handsome little bushes which are entirely covered with large flowers of the deepest purple, contrasting most charmingly with the pure white eye. Its freedom and duration of bloom is remarkable, the flowers lasting until late in the Fall. The best Lobelia for carpet beds, borders and pots. Price, per pkt., 10c.; 3 for 25c.



VAUGHAN'S GIANT MACHET MIGNONETTE.



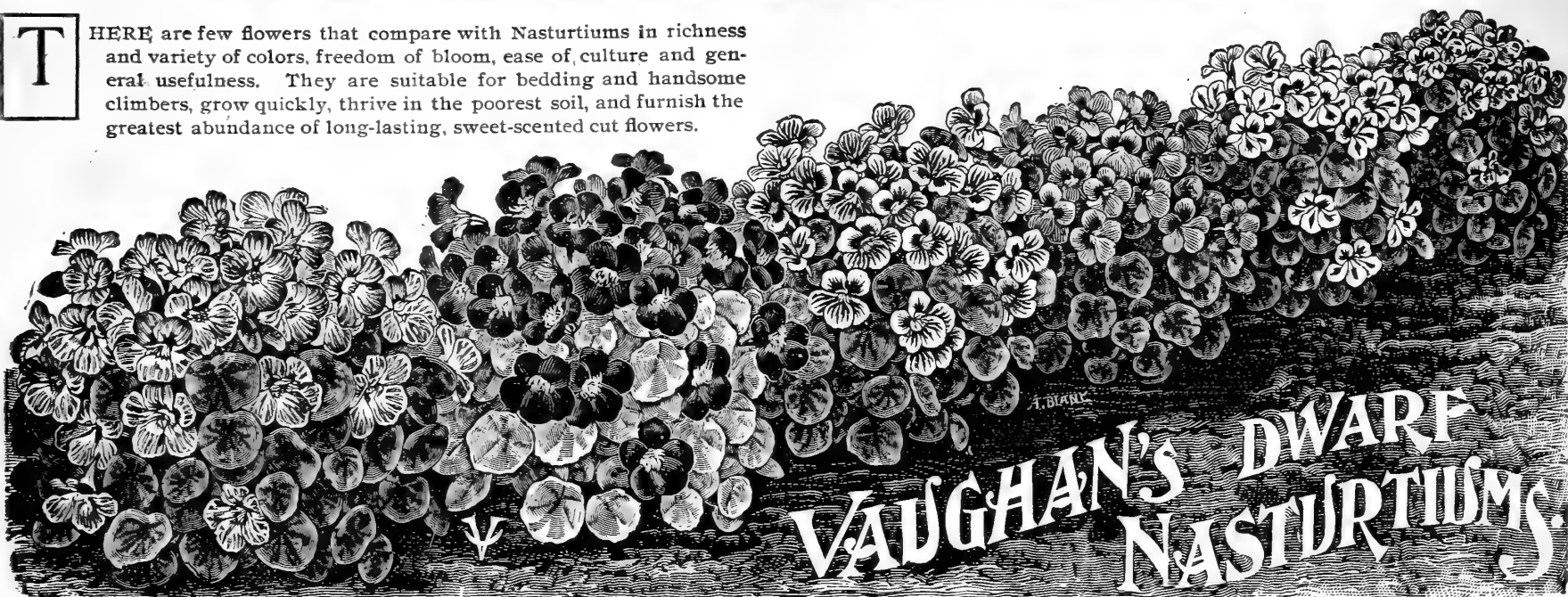
KOCHIA.



ELDORADO MARIGOLD.

VAUGHAN'S NASTURTiums

THERE are few flowers that compare with Nasturtiums in richness and variety of colors, freedom of bloom, ease of culture and general usefulness. They are suitable for bedding and handsome climbers, grow quickly, thrive in the poorest soil, and furnish the greatest abundance of long-lasting, sweet-scented cut flowers.



Dwarf, or Tom Thumb Varieties

PRICE, any of the following, oz., 10c.; pkt., 5c.; any 3 pkts. for 12c. (except where noted).

NASTURTium LILLIPUT (New) IMPROVED.

- 1035—Choice Mixed Colors.** A very special selection of this distinct and free blooming class; each plant forms a small, compact bush, with an immense number of small blooms thrown well above the foliage, and as a bedding plant is far before the Tom Thumb varieties. This selection also contains a much larger number of colors; in fact, as many as thirty or forty shades. The great charm of this novelty is that it throws its bloom so well above the leaves; in fact, in almost a pyramidal form, as it throws up a short stem in center of the plant covered with bloom. Pkt., 5c.; ¼ oz., 10c.; oz., 15c.; ½ lb., 50c.
- 1036—Aurora.** Deep chrome yellow, the two lower petals blotched and veined carmine.
- 1037—Beauty.** Scarlet, splashed canary.
- 1038—Crystal Palace Gem.** Sulphur, maroon spots.
- 1039—Empress of India.** A splendid dwarf variety, very dark leaves, crimson flowers. The true dark-leaved sort is scarce.
- 1040—Golden Cloth.** Distinct and striking. The foliage is of a bright yellow, while the flowers are intense scarlet.
- 1041—King of Tom Thumbs.** Intense deep scarlet flowers, dark foliage; very handsome.
- 1042—King Theodore.** One of the best dark red sorts, with dark, bluish-green foliage; a great favorite with florists.
- 1043—Golden King.** Brilliant yellow.
- 1044—Prince Henry.** The flowers are of a brilliant golden yellow, spotted and marbled with brilliant scarlet, which, in combination with the dark green foliage, presents a striking appearance.

VESUVIUS. 1045—This is the "Tom Thumb" variety of the tall climbing Nasturtium "Vesuvius." It produces dwarf, compact bushes covered with large flowers of a beautiful and brilliant salmon pink, an extremely bright color, showing off well at a distance. Pkt., 10c.; oz., 20c.

DWARF CHAMELEON. 1046—This Nasturtium is a most remarkable advance in this brilliant family. We find that in richness and variety of colors it surpasses any other strain, and is also unique in bearing flowers of quite distinct colorings on one and the same plant—some clear, deep crimson, others blotched on light ground, and others beautifully mottled. This characteristic, as well as the wonderful richness of the unusual markings, has been fixed, and we recommend both strains heartily to every grower of even the smallest garden. Pkt., 10c.; oz., 20c.; ½ lb., 50c.

1047—Lady Bird. The ground color is a rich golden-yellow; each petal is barred with a broad vein of bright ruby crimson.

1048—Ruby King. Peculiar blue-tinted red.

1049—Scarlet King. Brilliant scarlet.

1050—Pearl. Creamy white.

1051—Spotted King. A very handsome sort.

1054—Dwarf Nasturtium. Mixed. Many colors. Lb., 70c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c. Postpaid.

1055—Park Collection, No. 1. Ten varieties of Dwarf Nasturtiums, our choice. One pkt. each, 20c.

1056—Park Collection, No. 2. Ten Dwarf Nasturtiums, our choice. 1 oz. each, for 60c. Net, without discount.

VAUGHAN'S SPECIAL MIXTURE OF DWARF NASTURTiums.

1060—Dwarf Nasturtiums are most admirably adapted to beds and borders. "Vaughan's Special Mixture" of Dwarf Nasturtiums will give a larger variety of colors in even proportions than any other Nasturtium mixture, for it is put up by ourselves from named sorts, and also contains a large share of the new Lilliput Nasturtium and of the "Dwarf Chameleon," which have the richest and most varied combination of colors ever produced, showing odd colors hitherto unknown among flowers. Price, large pkt., 10c.; oz., 15c.; 2 ozs., 25c.; ¼ lb., 45c.; lb., \$1.50.

VAUGHAN'S SPECIAL MIXTURE OF CLIMBING NASTURTiums.

1100—We call special attention to this mixture. In it will be found all the choicest colors of the tall Nasturtiums, the rich, velvety Lobb varieties, the Canary Bird Creeper, the new hybrids of Mad. Gunther and the new tall "Chameleon." The flowers are much larger than those of the old-fashioned kind, and in nearly all of them the petals overlap, while their color combinations are simply superb. These climbing Nasturtiums are admirably adapted to covering verandas, trellises and tree trunks, and are useful and handsome as cut flowers for bouquets, vases, buttonholes, etc. Price, large pkt., 10c.; oz., 15c.; 2 ozs., 25c.; ¼ lb., 45c.; lb., \$1.50.

SPECIAL OFFER NO. 139.

One pkt., each, Tall and Dwarf "Special" Mixture Nasturtium for 15c.;
1 oz., each, for 25c.; ¼ lb., each, for 75c.; all postpaid.

IN ORDERING FLOWER SEEDS it is only necessary to state quantity (number of packets, ounces or pounds) wanted, the number in front of each variety and price.

VAUGHAN'S
SPECIAL MIXTURE
OF...

CLIMBING NASTURTiums.

VAUGHAN'S
SPECIAL MIXTURE
OF...

DWARF NASTURTiums.

There is no mixture of Nasturtiums equal to these two. We know it. Everything that is choice (including all the varieties on this page) is found in these mixtures, and we stake our reputation on their quality as well as on that of Vaughan's International Pansies, Vaughan's Petunias, "Vaughan's Best" Verbena, Phlox and all other flower seeds.

Spokane Co., Wash.—The Climbing Nasturtiums were the finest I ever had, as were the Sweet Peas and Pansies. My Sweet Peas grew to be over six feet high and in full bloom up to Nov. 1st, as were the Nasturtiums. Have got seed of you for years and always found them as represented.

MRS. J. W. HARWOOD.

Desha Co., Kan.—I have always found the seeds from your store the best I could buy and have had the greatest success with them. I think every seed came up. When I want anything especially fine I send to you. My Nasturtiums from package of your Special Mixture Climbing have been beautiful for nearly 6 months and are still blooming. I never saw such a variety of colors nor such profuse bloomers; even in the hottest weather they have been loaded with blossoms. Many people would ask what I did to make them blossom when other people had just leaves. My White Cosmos from your seeds were beauties, also your Verbenas from your Special Mixture Seeds.

MRS. C. M. NYE.



TALL OR
CLIMBING

NASTURTITIUM

The climbing Nasturtiums are ideal ramblers and when pegged down to the ground make a very showy bed. They grow to a considerable height, but will need some attention in the way of tying, as they do not readily adhere to support, being natural ramblers, suitable for stumps, rockeries, low fences or shrubbery. In flower they are showy and profuse and their foliage is always clean and refreshing.

NEW CLIMBING NASTURTITIUMS.

- Price of any of the following: Pkt., 5c.; ½ oz., 10c.; oz., 15c.; except Nos. 1065 & 1066.
- 1061—Princess Victoria Louise.** This is surely one of the most beautiful and remarkable varieties of climbing Nasturtiums. The large flowers are cream-white with orange scarlet blotches, the calyx and the spur being of a pure orange-red, which is a rather rare color among the Nasturtiums; sometimes the flowers are edged with red.
- 1062—Firefly.** A very distinct sort; foliage rich and dark; flowers rosy salmon, underlaid with bright golden yellow. The petals are beautifully marbled and striped carmine.
- 1063—Marguerite.** Very dark foliage with purple stems. Flowers rich deep yellow; striped, blotched and marbled with bright shades of rich brown, orange and carmine. In its varied and showy markings it is almost as remarkable as the Chameleon Nasturtiums described on this page.
- 1064—Primrose.** Fine primrose-yellow. Each petal has a small dark brown blotch, and upper petals are lined with the same shade in the throat; the petals are long and narrow, making a loose, open flower.
- 1065—Ivy-Leaved.** This is a most distinct variety, differing from all other Nasturtiums in both foliage and flower. The plants are of strong running growth; the leaves are deep rich green, veined with silvery white. The flowers are of the deepest and richest scarlet, comparatively small in size, but of most distinct form, the petals being finely feathered. This New Ivy-leaved Nasturtium is also desirable as a trailing vine for planting in hanging-baskets, vases or for winter pot culture in the house. Pkt., 10c.; ½ oz., 15c.; oz., 30c.
- 1066—The Queen.** The flowers when opening are a brilliant salmon-orange, passing into a lighter hue. A very pleasing and pretty kind. Pkt., 10c.; ½ oz., 15c.; oz., 25c.
- 1067—Tall Chameleon.** This beautiful new variety has the wonderful property of producing flowers of many distinct colorings upon the same plant. Not only are the flowers of various colors produced on the same plant, but these flowers are variously blotched, splashed, striped and bordered in rich contrasting shades. On one and the same plant are found self-colored flowers, others stained and blotched on a clear ground, while others are broadly edged or banded with light or dark shades.
- 1068—New Climbing Nasturtium in Mixture.** All the above 6 kinds, well proportioned. Pkt., 10c.; ½ oz., 15c.; oz., 25c.; 2 oz., 40c.; ¼ lb., 75c.

LOBB'S NASTURTITIUM. Price, any kind, oz., 10c.; pkt., 5c.

They are as easily grown as the common Tall Nasturtium, which they far surpass in brilliancy of their flowers, in height, rapid growth and freedom of bloom. Also very desirable for Winter blooming.

- 1069—Asa Gray.** The lightest color of all Nasturtiums; pale sulphur yellow; very delicate.
- 1070—King of the Blacks.** Deepest brown.
- 1071—Spitfire.** Bright scarlet; very effective.
- 1072—Lobb's Nasturtium, Mixed.** All the above and others, Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.
- 1073—Giant of Battles.** Sulphur, spotted red.
- 1074—Lili Schmidt.** Scarlet.
- 1075—Napoleon III.** Golden.
- 1076—Cardinal.** Scarlet.
- 1077—Lucifer.** Bright, glowing scarlet.

- Price, any kind, per oz., 10c.; pkt., 5c.; any 3 for 12c.
- 1079—King Theodore.** Rich, deep crimson, dark leaves; most striking variety of its class.
- 1080—Edward Otto.** Velvety bronze.
- 1081—Hemisphericum.** Straw color, with rosy scarlet blotches.
- 1082—Heinemanni.** Silky bronze, chocolate.
- 1083—Tall Pearl.** Cream white.
- 1084—Tall Prince Henry.** Flowers light yellow, marbled and striped with bright scarlet; very fine.
- 1085—Straw Color.** Distinct.
- 1086—Dunnett's Orange.** Golden.
- 1087—Schuermani.** Striped yellow and crimson.
- 1088—Shillingi.** Bright yellow; maroon blotches.



NEW CLIMBING NASTURTITIUM.

- 1099—Mad. Gunther's Hybrids.** For richness and variety of colors these Hybrids have no equals among Nasturtiums. There are shades of rose, salmon, brightest rose, pale yellow, either as self-colors or spotted and striped. The foliage is mostly dark and contrasts very effectively with the rich colors. They are climbers and continuous bloomers. It is impossible to describe all the different colors, but some of the most striking are as follows: White, shaded carmine on the edges, with deep maroon throat; golden-yellow, shaded brown on edges; yellow, shaded and mottled with carmine; white, with red blotches; shrimp pink, with deep maroon throat; shrimp pink, self-color; rose, bright rose, bright yellow, orange, etc. It contains a great many colors that are not found in any other mixture. Price, large packet, 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.25, postpaid.

TALL VARIETIES.

- 1089—Scarlet.**
- 1090—Scarlet Striped.**
- 1091—Crimson.** Glossy.
- 1092—Light Yellow.**
- 1093—Von Moltke.** Bluish pink.
- 1094—Golden Cloth.** Flowers bright scarlet, foliage golden yellow, distinct.
- 1095—TALL NASTURTITIUM, Mixed.** Many colors. Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c., postpaid.
- 1096—"Tall Collection," No. 1.** Ten varieties, our choice, one pkt., each, 20c. Net, without discount.
- 1097—"Tall Collection," No. 2.** Ten varieties, our choice, one oz., each, 60c. Net, without discount.

MORNING GLORIES

They are by far the most popular annual vine that is grown for the purpose of screening or shade. They easily reach a height of ten to fifteen feet and furnish an abundance of luxuriant foliage and gay blossoms. This is particularly true of the Japanese Imperial Morning Glories. They make a heavier vine than the old fashioned sort, with larger leaves, some of which are of a yellowish color and others green marbled with white, and very ornamental. They are good for any situation where a vine of their height and vigor is desirable, but we would not do without the old type of Morning Glories altogether. They have a charm all their own and would be missed.

Vaughan's "Special Mixture" of Japanese Morning Glories.

1033—Their varieties of color are infinite, running from snow-white through all possible shades of blue and of red from palest pink to darkest reds and purples. They are streaked, mottled, striped, marbled and bordered in wonderful fashion and sometimes show rare shadings of ash-gray, bronze, terra cotta, brown and slate blue, colors rarely found in any other flowers. The leaves are also very handsome; some are ivy-like, others are heart shaped, some are rich green, while others are streaked and marbled with white and silvery gray or yellow, others with choicest flowers; have rich, golden leaves. They will grow twenty feet high by August 1st. They grow like weeds anywhere in the sun or shade, but the seeds germinate a little slower than those of the common Morning Glory, and it is well to soak them in water for twenty-four hours before sowing. This mixture contains a finer and larger collection of colors with larger flowers, more frilled than the ordinary mixture. Pkt., 10c.; ½ oz., 20c.; oz., 30c.; ¼ lb., \$1.00; lb., \$3.00.

1034—Japanese Morning Glory. A good mixture. Pkt. (50 seeds), 5c.; ½ oz., 10c.; oz., 15c.; 2 ozs., 25c.; ¼ lb., 35c.; lb., \$1.00, postpaid.

1029—Morning Glory. Imported collection of 8 distinct colors. 20c.

1025—White, 5c. **1026**—Blue, 5c. **1027**—Crimson, 5c. **1028**—Striped, 5c.

1030—Morning Glory, Mixed. Lb., 65c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

Dwarf or Bedding Morning Glories.

1031—(*Convolvulus Minor*.) This is one of the plants which should be better known. The plants grow about a foot high and its flowers possess all the richness of color peculiar to the Climbing Morning Glory. Grows very easily from seed and are covered with flowers throughout the whole season. Pkt., 5c.; oz., 15c.

1032—Mauritian. For hanging baskets. Beautiful blue flowers. Pkt., 5c.

1017—Brazilian Morning Glory. (*Ipomoea Setosa*.) A grand and luxuriant twining vine. The thick stems and leaf stalks are covered with reddish brown hairs. The deeply lobed leaves are from eight to twelve inches across; flowers about two inches in diameter, of delicate texture, tinted pink, with a five-pointed star of satiny pink and are followed by curious seed pods. Pkt. (15 seeds), 10c.

1018—Heavenly Blue. Foliage very large, heart-shaped; flowers four to five inches across, in large clusters and produced in such abundance as to nearly hide the foliage. Color most magnificent sky-blue. Pkt. (10 seeds), 10c.

1019—Learl. Satiny-blue, crimson bars. Pkt. (12 seeds), 10c.

1020—Bona Nox (Evening Glory.) Violet; flowers large and fragrant, especially in the evening. Pkt., 5c.



TYPES OF
VAUGHAN'S SPECIAL
JAPANESE MORNING GLORY.

New Pink Hybrid Moonflower.

1015—This Moonflower is of marvelous growth. Seeds germinate very quickly and plants begin to bloom about as soon as Morning Glories. The blooms are produced by the thousand all Summer and Fall. The vine makes a most rapid growth and covers more space than any other Moonflower or other annual vine. It branches freely and its foliage is dense, luxuriant and of large size, often measuring seven inches across. In color they are of a most exquisite, soft, lilac-pink. It will succeed wherever a Morning Glory will do well. This choice flower may also be grown in pots, trained around a window or veranda. It is a cross between the Giant Moonflower and the Great Pink Brazilian Morning Glory. Pkt. (15 seeds), 10c.; 3 for 25c.

1016—Moonflower. (*Ipomoea Noctiflora*.) It bears lovely white flowers 5 to 6 in. in diameter, with a five-pointed star in the center; the flowers open at dusk, or earlier on cloudy days, at which time they are deliciously fragrant. Start the seed in the house and set out as early as safe in the Spring. Pkt., (10 seeds), 7c.

Special Offer No. 132. One pkt. each of White Moonflower, Brazilian Morning Glory and Pink Hybrid Moonflower for 20c.

Molucca Balm, or Shell Flower.

1009—(*Molucella laevis*.) Although robust and easily grown everywhere, this interesting annual from Syria is but little known. It grows from 2 to 3 ft. high, sending up a strong central stem with numerous branches, each of which is so completely surrounded by flowers as to leave scarcely any room for the leaves. The flower is curious, its large shell-like calyx is green and delicately veined, containing within it the small corolla, which is white, striped with purple. When cut or broken it emits a strong fragrance of balm. Pkt., 10c.

New Dwarf Musk Plant.

1000—It is a very free bloomer of close, compact growth and only 3 or 4 in. high. Blossoms are of full size and exquisite fragrance. Pkt., 10c.

1001—*M. Moschatus*, Musk Plant. Pkt., 5c.

Double Monkey Flower.

1002—(*Mimulus Tigrinus Hybridus fl. pl.*) It grows about 8 inches high, is remarkably free of bloom, the flowers are double and shade in color through pale yellow, golden, flesh, rose, crimson, and maroon, handsomely blotched and marked. This bizarre plant is of easy culture, thriving in any moist or shady situation, and its gorgeous blossoms delight the eye for a long time. Pkt., 10c.; 3 for 25c.

1003—Single Monkey Flower. A showy variety with fine, blotched flowers. Pkt., 5c.

Mina Lobata.

1005—A charming Mexican climber, with tube-shaped flowers produced in the greatest profusion. In color they are particularly attractive, the buds being first of a bright red, but changing through orange-yellow to creamy white when fully expanded. The foliage is very handsome, dense and luxuriant; of vigorous growth; attains a height of twelve feet. Pkt. (20 seeds), 10c.

Mina Sanguinea.

1006—One of the most beautiful annual climbers in our list; a very profuse and early bloomer. The vines attain a height of 20 to 30 ft. very rapidly. The leaves resemble oak leaves and the flowers are borne in large clusters. Blood red, yellow throat. Pkt. (25 seeds), 5c.

1007—Mina Sanguinea and Lobata, Mixed. Pkt. (20 seeds), 10c.

Oenothera, Evening Primrose.

1110—Neat plants, with large, saucer-shaped flowers, white or golden-yellow; open at dusk; emit a delightful perfume. Pkt., 5c.

Oenothera, Mexican Primrose.

1111—A most desirable plant for Summer and Autumn blooming. The plants grow about 10 in. high and are covered with large flowers of a beautiful pink, with a white center. Useful both for pots and outdoors. Pkt. (about 300 seeds), 10c.

Oxalis Rosea, Mixed.

1112—A most excellent little plant for borders or pots; blooms all Summer in the greatest profusion; flowers dark rose, delicate pink and white. Pkt., 5c.

Oxalis Tropaeoloides.

1113—Suitable for rock work, rustic baskets, etc., largely used in parks. Flowers deep yellow, leaves brown; height, 6 inches. Pkt. (150 seeds), 5c.



Nicotiana Affinis.

Sweet Scented Tobacco Plant.

1105—This plant attains a height of about two feet and produces an abundance of large, pure white flowers of delicious fragrance. If taken up in the Fall, cut back and potted, they will bloom all Winter. Pkt., 5c.

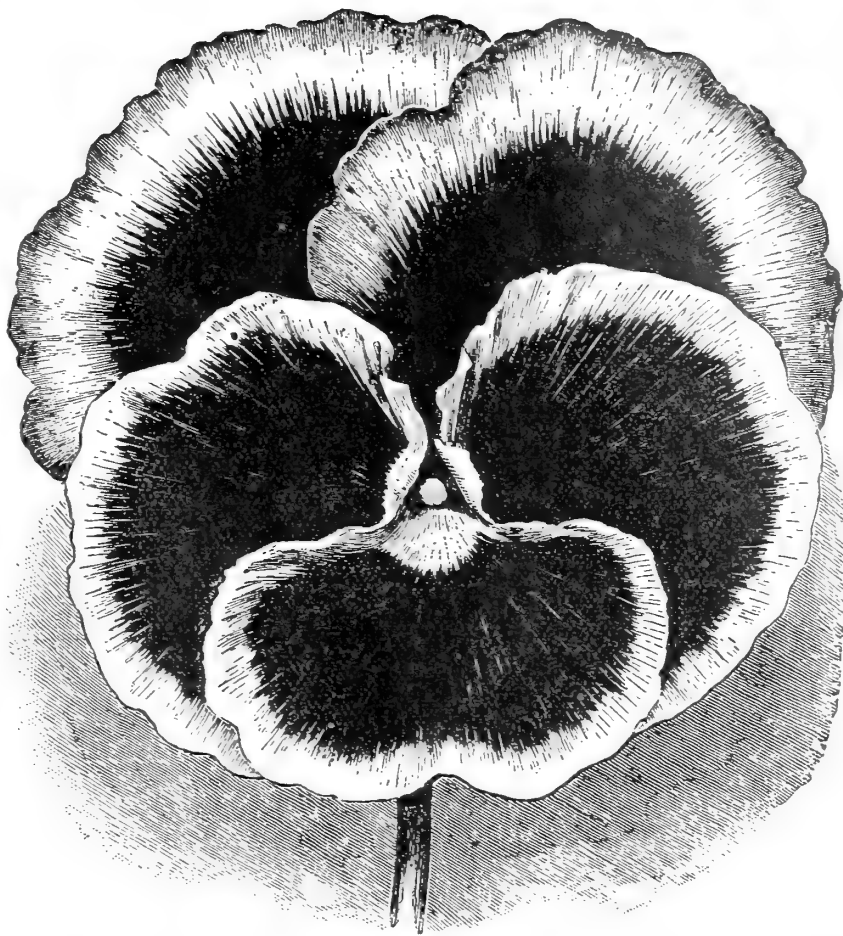
Vaughan's Giant Pansies

SEE ALSO NOVELTIES.

There is nothing in our extensive list of Flower Seeds which is more important than Pansy seed, and we spare no trouble or expense to have the very best strains that are to be procured, and we know there is no better Pansy Seed to be had either in this country or in Europe than that we carry in stock and supply to our customers.

PRICE ANY OF THE FOLLOWING VARIETIES, EXCEPT WHERE NOTED: Pkt. (100 seeds), 10c.; 3 (10c.) pkts. for 25c.; 6 (10c.) pkts. for 45c.

- 1132—"Adonis." Color a magnificent light blue with a white center which sets off the dark blotches on the petals in a most striking manner.
- 1133—"President Carnot." The ground color is white and each petal is almost covered with a deep, rich velvety blotch of dark violet blue, leaving a broad white margin.
- 1134—"Mad. Perrett." Edge of petal is frilled. The colors are of dark wine, pink and red, beautifully veined and all with a white margin.
- 1135—"Cassier." This is a very fine mixture of Pansies marked with three or five blotches on rich backgrounds. The flowers are very large, round and borne on stiff stalks emerging from bushy, compact plants. This mixture contains a great many red shades.
- 1136—"White." Flowers often 3 inches in diameter, pure white with a large violet blotch on the three lower petals. (See above for kinds not priced.)
- 1137—"Beaconsfield." This is a great favorite on account of the rich combination of purple and lavender, shading to white towards the top.
- 1138—"Yellow." A beautiful clear yellow, heavily blotched on the lower petals
- 1139—"Purple." Of deepest royal purple known. Pkt., 5c.
- 1140—"Emperor William." Splendid ultra-marine blue with purple eye.
- 1141—"Auricula Colors." Beautiful shadings of copper and mahogany colors.
- 1142—"Coal Black." A jet black of truly giant size.
- 1143—"Copper Color." Can be had from us only.
- 1144—"Aurora." Flowers large, color pure white without blotches.
- 1145—"Golden Queen." Clear golden yellow with a few dark pencilings in center.
- 1146—"Empress Augusta Victoria." A charming new sort. Color, porcelain white with a soft blush cast. The upper petals are margined violet, while the lower petals are marked with a large purple blotch. Pkt. (150 seeds), 10c.: 3 for 25c.
- 1147—"Fairy Queen." This is one of the prettiest of the large flowering Pansies. The flowers are of the loveliest sky-blue with a fine silver border. Pkt. 10c.
- 1148—"New Giant Sweet Scented." The flowers of this choice strain are of enormous size, in Spring and Fall often measuring 4 inches across, and have a much stronger fragrance than any other Pansy. Pkt., 20c.: 3 for 50c.
- 1149—"Freya." Color, rich deep purple violet with a broad white margin, which shows just as distinctly on the back of the petals.
- 1150—"President McKinley." The ground color is a deep golden-yellow, while each petal has a large blotch of rich dark violet, leaving a clear golden-yellow margin.
- 1151—"Violet Blue." Of immense size and of rich velvety texture.
- 1152—"Fancy Striped." A beautiful mixture. The flowers are striped and mottled in various tints on contrasting grounds.



- 1153—"Bugnot." Its flowers are of enormous size and circular form, the petals are of great substance and velvety appearance, each one bearing a large, deeply colored blotch that runs out in delicate veins to the edge; the shadings comprise tints of red, bronze and brown not found in any other mixture. Pkt. 15c.
- 1154—"Mammoth Butterfly." The flowers are very large, of good form and substance and produced freely. In coloring they are varied, seldom two alike in a hundred plants. They are mottled and spotted, streaked, tigered and splashed while the colors are mainly those rich wine reds, chocolate, velvety red-brown lavender, violet and purple shades which are only found in a Pansy blossom. Per pkt. of 250 seeds, 10c.
- 1155—"Paris Pansy Mixture." Thousands of these Pansies are sold daily in the Paris markets. The flowers of this strain are as large as the Trimardeau and far superior in color and substance of petals; blotches are more conspicuous.
- 1156—"Trimardeau Mixture." Flowers large, with a dark blotch on the three lower petals. The best low-priced mixture of Giant Pansies. Pkt. 5c.; 1/2 oz. (about 1,250 seeds), 40c.

Vaughan's "Giant Pansy Mixture."

and our International Pansy. This mixture includes the richest reds, coppers and bronzes, together with the most delicate rose and pink shadings, all the distinct colors of Trimardeau, the splendid Cassier strain with its delicate veinings. We have spared no expense to secure the newest, richest and finest sorts.

Price, 1/2 oz.; \$1.00; pkt. (250 seeds), 20c.; 3 for 50c.

1160—"Embraces, besides all the above shades and colors, five special strains not listed elsewhere in this Catalogue and which can only be had in this

Vaughan's Collection of Giant Pansies.

1162—"One packet (containing 50 seeds) each of Giant White, Giant Yellow, Giant Beaconsfield, Giant Striped, Giant Emperor William, Giant Copper Color and Giant Paris. 7 pkts. for 25c.

Vaughan's International The World's Best Pansies

1190—"Vaughan's International" is, and always has been, literally a "World's Best" Mixture. While searching the world over among the growers for the best in every land, we are not satisfied to accept any mixture because varied in color but the flowers must come near a high standard of form which we have set, must be composed of well-rounded, perfect-shaped flowers must show a wide range of colorings and markings, must have thick, velvety petals with fluted or semi-double edges and must stand erect on good stiff stems with healthy, strong growth of plant. While every solid color must be represented there is also all possible variations of each one of these. The Whites have all possible variations of stripes, veinings and shadings. The same is true of the Yellows, Purples, Browns, Reds and other distinct shades, besides many shades of Pink, Mahogany, Fire Colored Bronze-Gold, etc.

Vaughan's International is, we firmly believe, the best Pansy mixture in existence, because it is composed of the cream of 10 Pansy Specialists' collections. It contains besides the fancy selections of these growers all the separate colors and strains in cultivation, carefully prepared by ourselves, so we know just what it should produce.

This is one of the specialties that has established the reputation of Vaughan's Seeds, and our customers can readily see why it is our most earnest endeavor to make Vaughan's International Pansy Mixture better than ever. Price, pkt. (250 seeds), 25c.; 3 pkts. (750 seeds), 65c.; 5 pkts. (1250 seeds), \$1.00.

A GREAT RECORD VAUGHAN'S INTERNATIONAL PANSY MIXTURE

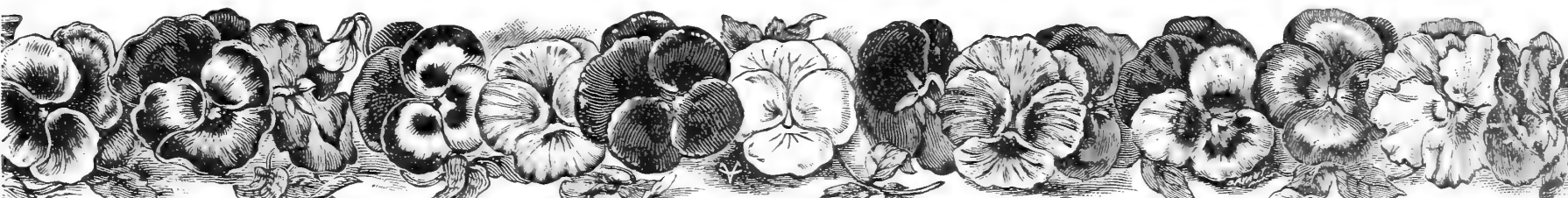
Was Awarded

A Medal at the World's Fair in Chicago in 1893.

A Medal at the Trans-Mississippi Exposition Omaha in 1898.

A Medal at the Pan-American Exposition in Buffalo in 1901.

STARKE CO., Indiana.—Your "International" Pansy Mixture is the finest in the land. Some of my neighbors tried to get finer results from other sources, but your strain was far superior. The wonderful size and colorings of your "International" Pansy were beautiful beyond description and they flowered profusely. I supplied my friends with Pansies all summer. MRS. G. W. CONE.





VAUGHAN'S BARGAIN COLLECTION OF BEDDING PANSIES.

Ten Kinds, 1 pkt. each, for 25c.
Each packet contains 75 seeds.

- | | |
|---|--|
| Pure White , with eye | Lord Beaconsfield , beautiful light blue, shading to deep blue. |
| Fancy Striped . | Gold Margin , velvety brown. |
| Golden Yellow , with eye. | Sky Blue , with white margin. |
| Pheasant's Eye , rainbow colors. | Prince Bismarck , rich bronze. |
| Victoria , rich wine color. | |
| Mahogany Colors . | |

VAUGHAN'S PREMIUM PANSIES.

While the Giant-Flowered Pansies are great favorites on account of the immense size of their flowers and velvety texture and substance of their petals. This strain most celebrated all over Europe, is from a specialist who has devoted his life to improvement of these flowers; no better strain is to be had. It is impossible to describe them, as they embrace all colors and markings.

1235—Vaughan's Premium Pansies in Splendid Mixture. Pkt. (120 seeds), 10c.; 3 for 25c.; ½ oz., \$1.00. **Special Offer, [No. 144].** 1 pkt. each Nos. 1160 and 1235 for 25c.

For freedom of bloom, variety of colors, ease of culture and effectiveness these rank with the Asters, Phlox and Verbenas. If only a little care is bestowed upon them, Petunias will produce their handsome, sweet-scented flowers in their delicate and gorgeous colors throughout the whole Summer.

1255—Dwarf, Blotched and Striped. Each plant forms a complete bush 5 to 8 inches high, covered with cherry-red flowers marked with a pure white star; a remarkably pretty plant. Pkt. 10c.

1256—Blotched and Striped. Flowers with star-shaped blotches of symmetrical form; fine for bedding and window boxes. Pkt., 5c.; ½ oz., 20c.



"VAUGHAN'S BEST" LARGE-FLOWERING SINGLE PETUNIA.

"VAUGHAN'S BEST" MIXTURE OF LARGE FLOWERING PETUNIAS.

1266—This mixture is made by ourselves and includes, besides the Giant Ruffled, the Giant Emperor and the California Giants, all the colors of the Large-Flowering and Fringed sorts and the unsurpassed Superbissima varieties, with their delicately veined throats in various colors, and their truly mammoth flowers. We are positive that no other Petunia mixture can produce flowers with as wide a range of colors as "VAUGHAN'S BEST." Pkt. 25c.; 3 pkts. for 60c.

CHICAGO PARKS BEDDING PANSIES

This is the best strain for bedding purposes. The plants are of vigorous, even growth, the flowers are large and of good substance.

Per pkt., any of the following, 5c.; any 3 for 10c.; any 8 for 25c.

- 1200—Azure Blue.** Velvety, dark.
1201—Black, with Red and White Margin. Handsome
1202—Black, with Gold Bronze.
1203—Blue Black. Splendid for bedding.
1204—Brown and Gold. The oddest shades.
1205—Cardinal Red. Rich scarlet.
1206—Dark Blue. Large.
1207—Dark Colors. Mixed.
1208—Deep Yellow. Very rich.
1209—Dr. Faust. Deep jet black.
1210—Emperor William. Ultramarine blue, with dark center.
1211—English "Face Pansy." A fine bright blue color
1212—Fire Dragon. Fiery orange, dark eye. Very effective.
1213—Gold Margined.
1215—Gold King. The 3 lower petals each have a deep brown-red blotch with a broad margin of yellow, while the upper two petals are of a most intense fiery red.

- 1214—Golden Gem.** Golden-yellow without black center.
1216—Light Blue. Delicate shade.
1217—Lord Beaconsfield. Purple violet, shading off to lavender
1218—Mahogany Colors.
1219—Peacock. Upper and lower petals royal purple, shot with peacock blue.
1220—Prince Bismarck. Bronze and light brown.
1221—Quadricolor, or Pheasant's Eye. Upper petals sky-blue, edged with violet; lower petals spotted and marbled.
1222—Silver Edge. Dark, light edge
1223—Snow Queen. White, pure.
1224—Striped, or Fancy.
1225—Velvet Brown. Rich shades.
1226—White. With dark center.
1227—Coquette De Poissy. Of a lovely, distinct slate, or mouse color.

CHICAGO PARKS BEDDING PANSIES, Mixed. 1233—All the above. Pkt. (150 seeds), 5c.; 3 for 12c.; ½ oz., 25c.

NEW TUFTED PANSIES.

1240—For years these hardy, tufted Pansies have been grown in England, where they are most extensively used for borders, but they were always propagated by cuttings. The plants grow in dense compact little bushes, which are completely covered with their bright flowers from early Spring until late in the Fall. The colors range in all shades of white, pink, blue, yellow, violet and purple, as self colors or in combinations. It is a decorative plant of the highest order, and we feel sure it will soon be as universally grown in this country as it has been for years in England. Pkt. (150 seeds), 10c.; 3 pkts. for 25c.



PETUNIA

1257—White. Suitable for cemetery. Pkt., 5c.; ½ oz., 20c.

1258—"Snowball." For an everblooming white flower, suitable for beds and borders, we think this new Petunia has few equals. The flowers are purest snow-white, of good shape and size, sweet-scented and lasting. This plant is eminently adapted to our climate, on account of its heat resisting qualities. We recommend it. Pkt. (250 seeds), 10c.

1259—Petunia, Finest Mixed. A choice strain, including many of the large flowering varieties. Pkt., 10c.; ½ oz., 35c.

1260—Petunia, Good Mixed. Many colors. Pkt., 5c.; ½ oz., 20c.

1261—Large-Flowering Single Petunias. In extra choice mixture. Pkt. (120 seeds), 15c.; 2 for 25c.

1262—Large-Flowering Fringed Sorts. (Fimbriata.) A superb strain of elegant, finely fringed flowers, measuring over 4 inches in diameter, remarkable brilliancy and variety of color. Pkt. (175 seeds), 20c.

1263—Collection of Large-Flowering Petunias. 12 sorts, 75c.

1264—Collection of Large-Flowering Petunias. 6 sorts, 45c.

PETUNIA GIANTS OF CALIFORNIA.

1265—These Petunias have been widely advertised of late and we found them on a visit at the originators to be remarkably fine. The flowers are very large and the colors embrace every conceivable shade of crimson, white, violet, lavender, etc. Pkt. (200 seeds), 15c.; 2 for 25c.

DOUBLE PETUNIAS.

1270—Vaughan's Mixture of Double Petunias. This is a mixture of the best large-flowering and fringed double Petunias. Seed is saved from plants grown in pots, carefully hand fertilized and will produce grand flowers. Of course everyone knows that only a certain percentage of double flowers may be expected from seed, but our mixture will produce from 20 to 30 per cent. of doubles, while the remainder will be choice, large, single flowers. Pkt. (200 seeds), 30c.

1271—Double Pure White. (Lady of the Lake.) Pkt. (200 seeds), 50c.

1272—Double Lilliput. Covered with double flowers, spotted, blotched and self-colored. The plants grow low and bushy. Pkt. (250 seeds), 25c.

1273—Collection of Double Fringed Petunias, 6 varieties, 60c.

1274—Collection of Double Fringed Petunias, 12 varieties, \$1.00.

VAUGHAN'S PHLOX

The Phloxes are certainly amongst the showiest and most easily managed of all hardy annuals. They grow well in almost any garden soil, and from June until October maintain an endless display of brilliant and varied colored flowers. A fine effect is obtained by planting the beds with different colors so they harmonize. The plants will be more bushy and cover the bed better if pinched back while small. They are of easy culture, but do best in a rich soil. For early plants, seed should be sown in boxes in the house, or sown in the open ground as soon as the weather will permit. When two or three inches high they should be transplanted five or six inches apart, where they are to grow.

PHLOX DRUMMONDI. 1280—Many colors mixed. $\frac{1}{4}$ oz., 15c.; pkt. (150 seeds), 5c.
1281—Collection of 6 distinct colors, 20c.
1282—Collection of 12 distinct colors, 40c.

LARGE-FLOWERING PHLOX.

The large-flowering kinds are a decided improvement on the Drummondii, producing flowers twice the size of the latter, in the most brilliant colors imaginable.

1283—Alba. Pure white, extra large.
1284—Intense Scarlet.
1285—Rosy Carmine. White eye.
1286—Rosea. Pink, white eye.
1287—Vivid Crimson. Large white eye.
1288—Large Yellow. A very fine color; quite novel and distinct; fine flower.
1289—Scarlet Striped. A beautiful sort.

1290—Black Brown. The darkest of all.
1291—Stellata Splendens. This variety resembles the Splendens, with the addition of a clearly defined white star, contrasting strikingly with the vivid crimson of the flowers.
1292—Alba Oculata. Pure white, claret eye.

Any of above, per $\frac{1}{4}$ oz., 25c.; per pkt. (100 seeds), 5c.; any 6 for 25c.

1293—Large Flowering Phlox in Splendid Mixture. Includes all the above and many other shades and colors. Oz., 75c.; $\frac{1}{4}$ oz., 25c.; pkt. (250 seeds), 16c.
1294—Imported collection of 6 colors, 25c. | 1295—Imported collection of 12 colors, 50c.

STARRED AND FRINGED PHLOX.

These are the most distinct and striking Phlox we have. The flowers have a most distinct and star-like appearance, their attractiveness being greatly enhanced by the broad, white margins which border the edges of the petals.

1297—Starred and Fringed. Mixed. Pkt. (150 seeds), 10c.; $\frac{1}{4}$ oz., 20c.
1298—Star of Quedlinburg. Star Phlox, extra choice mixed. Pkt. (150 seeds), 5c.

LARGE-FLOWERING DWARF PHLOX.

In this new type we have the happy medium, combining the size of the individual flower and head of the finest Grandifloras with the dwarf, compact growth of the Nana Compacta sorts; altogether a perfect combination, and one that will recommend itself to all who wish bright, cheerful beds or borders for the longest possible time with the least trouble. (See cut.) We offer three fine, distinct colors as well as in mixture:

1299—Brilliant Rose. Per pkt., 10c. | 1301—Fiery Scarlet. Per pkt., 10c.
1300—Pure White. Per pkt., 10c. | 1302—Finest Mixed Colors. Per pkt., 10c.
One packet each of the 3 colors for 25c.

DOUBLE-FLOWERING PHLOX.

A very desirable class. Flowers are double and semi-double, and last much longer than those of the single Phlox. The white is especially valuable as a cut-flower. We are sure our customers will be greatly pleased with these and we recommend them.

1303—Double White. 1305—Double Yellow. } Each, per pkt., 10c.
1304—Double Scarlet. 1306—Double Mixed. }

DWARF PHLOX. (*Phlox Drummondii Nana Compacta*.)

These are much superior to the other Phloxes for ribbon bedding or border. The plants grow very symmetrical in neat little bushes, about 8 inches high, covered with flowers during the whole Summer and Fall, as large as those of the Drummondii and as easy to grow.

1307—P. Snowball. Flowers pure white; the plants resemble large snowballs when in full bloom. Pkt., 10c.; 3 pkts. for 20c.; per $\frac{1}{4}$ oz., 35c.
1308—Fireball. Glowing, brilliant scarlet. Pkt., 10c.; 3 pkts. for 20c.; per $\frac{1}{4}$ oz., 35c.
1309—Snowball and Fireball. One pkt. each for 15c.
1310—Dwarf Phlox in Mixture. Ten colors in choicest mixture. Pkt., 10c.; $\frac{1}{4}$ oz., 30c.
1314—Hardy Phlox. (*Phlox Decussata*.) These rank amongst the finest herbaceous plants for beds or borders. Mixture of finest sorts. Pkt., 10c.

VAUGHAN'S SPECIAL PHLOX MIXTURE.

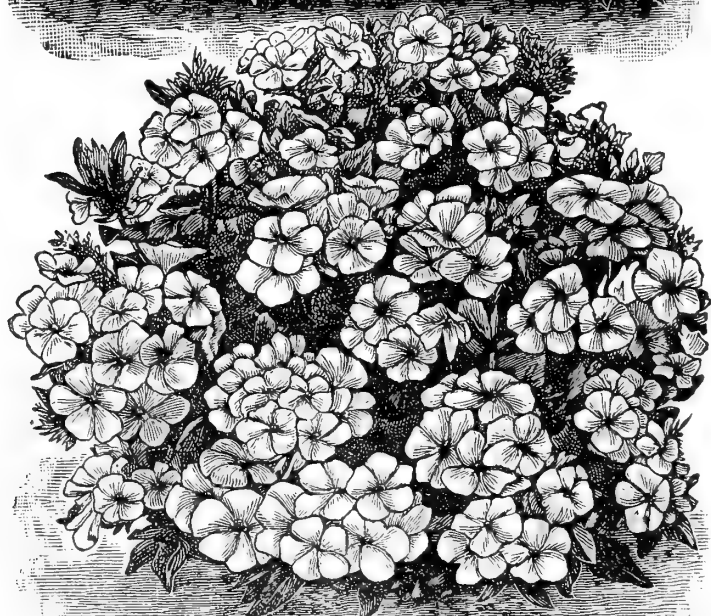
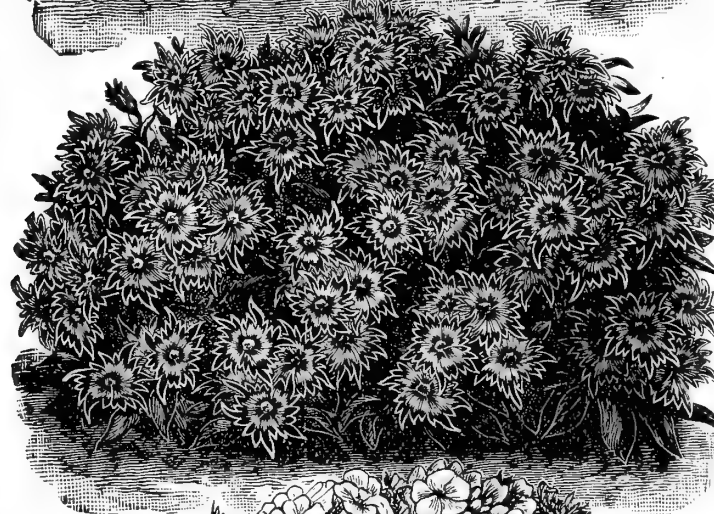
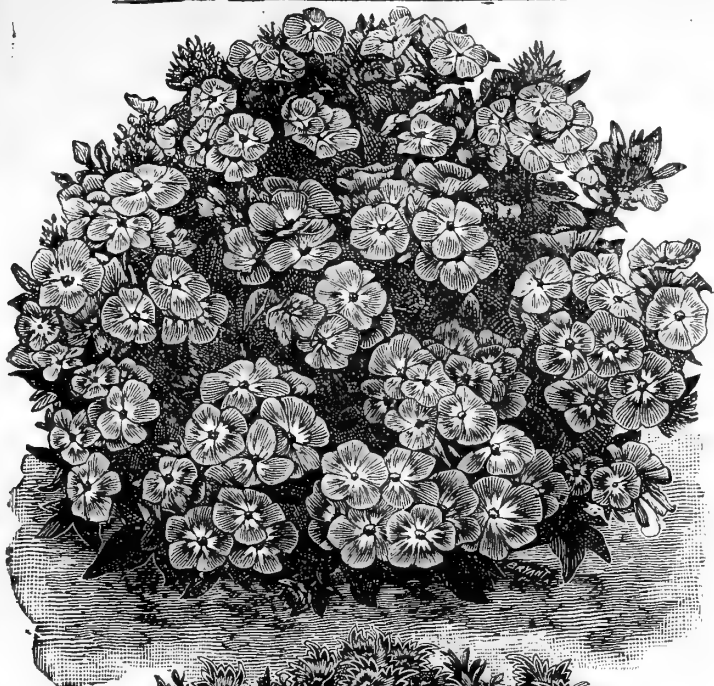
1313—Contains all the above varieties and several other strains only to be had in this mixture, and will delight and astonish all with its extensive variety of colors. Over 30 different shades will be produced from a single package. A bed of Phlox Drummondii in assorted colors makes a grand display all Summer. The most liberal offer ever made. Pkt. (250 seeds), 15c.; extra large pkt. (500 seeds), 25c.; $\frac{1}{4}$ oz., 35c.

PASSION FLOWER, "Southern Beauty."

1250—One of the prettiest of all flowers and climbing plants. Will grow perfectly all over the United States. For the window it is splendid, and out of doors it will run up a trellis 20 feet, covered with beautiful blooms, 4 to 5 inches across, which are delightfully sweet. The color is peculiar, of blue, white, pink and red. The plant will remain in the ground if protected in the Winter, and bloom every season for years. Every gardener in the country should have one. If sown early the plants will bloom all Summer. Pkt. (20 seeds), 10c.; 3 for 25c.

PASSIFLORA GRACILIS.

1251—This "Fairy Passion Vine" is a charming annual; it has pretty light green leaves, and is a very dainty and graceful thing for hanging baskets, pots or trellises; will grow to a height of 10 to 15 feet out of doors; the flowers are white, followed by seed fruits, at first light green shaded white; when ripe they turn bright shining red and burst open, disclosing fiery scarlet seeds, the entire plant becoming covered with these fruits. The effect is very pretty indeed. Pkt., 10c.



POPPIES



ICELAND POPPIES.

1325—These Poppies produce flowers the first year from seed. The colors range from the purest white to the deepest orange scarlet, and have a delicious fragrance. For vase or house decorations they rank among the loveliest. Mixed colors. Pkt., 10c.; ½ oz., 20c.

ICELAND POPPIES. In Separate Colors.

1326—Yellow. **1327**—White. **1328**—Orange-Scarlet. Each, pkt., 10c.; any 3 for 25c.

1329—Double Iceland Poppies, Mixed. Pkt., 15c.; 2 pkts., 25c.

1330—The Tulip Poppy. The perfect and striking flowers are intensely vivid in color; the two outer petals form a tulip cup, after a time deep black spots appear at the base of each petal. The glowing scarlet of the large flowers is such that the eye cannot bear its glare when the sun is shining on it. Pkt., 10c.; ½ oz., 20c.

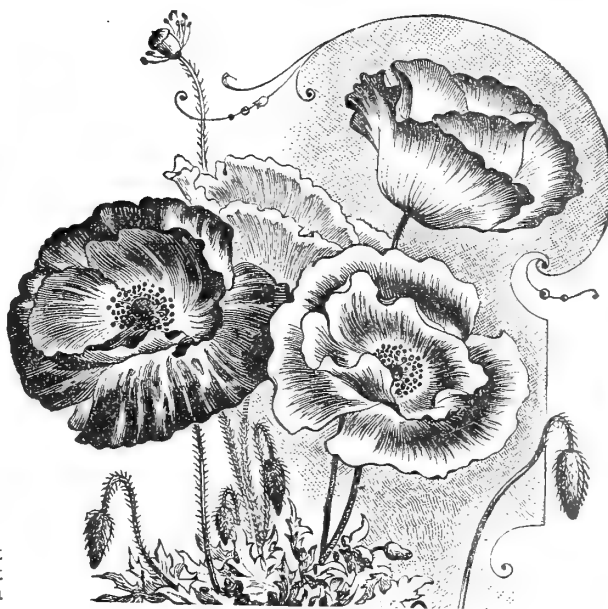
New Poppy, Dwarf Shirley.

1331—Charming dwarf varieties of the universally esteemed Shirley Poppy. These seedlings grow into bushy little plants about 18 in. high, and all ablaze with innumerable flowers of rose, chamois, scarlet and salmon, some having a distinct light bordering to the petals, all with yellow stamens and all thrown well up above the foliage. In this dwarf form the Shirley Poppy can be used not only for groups but also for edgings and for pot culture. We warmly recommend this beautiful novelty. Large pkt., 10c.; ½ oz., 25c.

New Poppy, Single Pæony-Flowered, Miss Sherwood.

1332—Sturdy plants 2½ feet high with noble foliage, bear in profusion large, single flowers of a shining, satiny white, the upper half of the corolla being a silky chamois rose. This is a combination of color quite virginal in its delicacy. Large pkt., 10c.; ½ oz., 20c.

Single Poppies



Shirley, Silk or Ghost Poppy.

1336—The Shirley Poppy is not new, but the stock we here offer will be a revelation to all lovers of the beautiful. Our strain is one of superlative excellence, and many beautiful new forms will be found in it. They are especially strong in shades of terracotta and combinations of this with pink and scarlet. If gathered early in the morning while the dew is still on them, and before the rays of the hot sun have affected them, and placed in water, they will last in all their beauty for forty-eight hours. Price, per pkt., 10c.; ½ oz., 20c.

1335—Vaughan's "Special Mixture" of Single Poppies. Includes the Iceland, Shirley and Oriental Poppies, besides a great many others. Pkt., 10c.; 3 for 25c.

Double Poppies

1340—"White Swan." One of the most effective and valuable Poppies. The plants are about 18 in. high, grow in very pretty bush form, crowned with flowers of enormous size, perfect form, very double and the purest snow white. Its flowering period is longer than that of other Poppies. We specially recommend this sort. Price, 10c.; 3 for 20c.

1341—Double Yellow. This rare new color will be hailed with delight by all. Pkt., 5c.

1342—Golden Gate. Exceedingly free blooming, the flowers single, semi-double and double, of medium size and largest variety of colors. Pkt., 5c.



New Oriental Hybrid Poppies.

1337—For brilliancy of colors there is nothing to equal these Oriental Poppies. The flowers are of enormous size, often measuring over 6 inches in diameter, while the colors range from soft flesh and rose to the most brilliant, dazzling scarlet and richest maroon purple. Their culture is as simple as that of the garden Poppies. They are perfectly hardy perennials, living through our Winters with but little protection and increasing in size and beauty from year to year. Pkt., 10c.

1343—Double Carnation Flowered. Of large size and a variety of colors. ½ oz., 10c.; pkt., 5c.

1344—Pæony Flowered. Flowers in size and colors equal to Pæonies; mixed. Pkt., 5c.; oz., 15c.

1345—Double French Mixed. Pkt., 5c.

1347—Double Dannebrog. Flower of a deep red; petals marked at base with white blotch. Pkt., 5c.

1348—Fairy Blush. The flowers have the effect of a large, white, feathery ball, overcast with a rosy shade. Pkt., 5c.

1350—Mixture of All the Above Double Poppies. Pkt., 5c.; ½ oz., 10c.; oz., 15c.

VAUGHAN'S SPÉCIAL POPPY MIXTURE.

1355—Comprises not only all the Double and Single Poppies described, but also a number of other sorts specially purchased for this mixture, including some entirely new ones. Will make a grand display. Price, per oz., 30c.; ½ oz., 20c.; Pkt. (500 seeds), 10c.; 3 for 20c.



DOUBLE PORTULACCA, OR ROSE MOSS.

Portulacca, Rose Moss

This plant will grow and bloom profusely in a dry, hot situation, where almost any other plant would soon die. It is the easiest plant to transplant, and can be taken up and set out when in bloom without being injured. It is a very pretty annual, and blooms till frost.

1360—Large Flowering Single Portulacca. Small trailing plants which bear brilliant, beautiful and delicate flowers; whether used in baskets, beds or edgings, their splendid flowers, produced in great profusion, are very effective; succeeds best in light, sandy soil, and wants to be exposed to the full glare of the sun. Many colors mixed. Pkt. (300 seeds), 5c.; ¼ oz., 20c.; oz., 60c.

1361—Collection of 8 Colors, Single Portulacca. 25c.

1366—Double White. Pkt., 10c.

1367—Double Yellow. Pkt., 10c.

1368—Double Pink. Pkt., 10c.

1369—Double Scarlet. Pkt., 10c.

1370—Double, Best Mixed. Choice double flowers. Pkt., 10c.; ½ oz., 75c.

1371—Double, Good Mixed. Pkt., 5c.

1372—Double, Collection of 6 Colors. 35c.

PRIMULA OBCONICA.

New Large Flowering Hybrids. An Ever-Blooming Primrose.

1376—This is one of the most useful flowering plants. If sown early in Spring the seedlings will commence to bloom in May or June and continue to flower throughout the whole year. The flowers are of a soft lilac, pink, rose, lavender or crimson and very charming. It is one of the most useful Primulas for pot culture, and also succeeds well in the open border during the Summer months. The new large flowering Hybrids are an improvement on the old type in size of flowers, which are about double their size and are borne on stiffer stems well above the foliage, and they also show a marked improvement in colors. Pkt. (100 seeds), 10c.

1377—Primula Obconica. Pkt. (100 seeds), 5c.

PRIMULA FORBESI. The "Baby Primrose."

Blooms in three months from seed and all the time.

1378—This is unquestionably one of the prettiest pot plants. It begins to bloom in three months after sowing and continues to produce flowers for ten months in succession. The flowers are very graceful, not quite half an inch across and are of a most pleasing rose color with a yellow eye. They are borne on erect stems 10 to 12 inches high in tiers, and remain fresh for over a week after being cut, new buds opening every day. The plant is a vigorous grower, thrives in the shade or sunshine, even in a cool house. Pkt. (100 seeds), 10c.



TYPES OF VAUGHAN'S INTERNATIONAL CHINESE PRIMROSES.

Vaughan's International CHINESE PRIMROSE MIXTURE.

1380—The culture of these lovely flowers is much easier than most people think. Every one can have a nice collection of them by following the cultural directions printed on each package. Our mixture includes not only all the choicest colors of the single flowering Primulas in all their dainty shades, but it comprises also seed saved from hybridized flowers and will produce a number of double flowers and the new blue Primula. Our illustration shows a plant (reproduction from a photograph) showing freedom of bloom and habit of growth. Price, per pkt. (100 seeds), 15c.; 2 for 25c.

CHINESE PRIMROSES.

Separate Colors.

1381—Pure White. **1382**—Pink. **1383**—Peach Blossom. **1384**—Chiswick Red. **1385**—Mauve. **1386**—Striped. Each, per pkt. (50 seeds), 10c.

1387—Chinese Primroses. A very good mixture. Pkt. (50 seeds), 5c.

Chinese Primrose.—"We were told to order 1250 Chinese Primrose seed from which we could not expect more than 300 plants. We got your 'International'; all seeds were planted and the good quality of your seed brought forth over 1100 fine plants.

Media, Ohio. Hammerschmidt & Clark.

RUDBECKIA BICOLOR SUPERBA SEMIPLANA.

1406—This novelty represents semi-double or nearly double flowering varieties of the Rudbeckia bicolor superba. The plants form elegant bushes of 2 to 2½ feet in height, covered with large, semi-double, golden yellow to brownish yellow flowers, which have a central dark brown ring and disk. As concerns size and form of the flowers, they closely resemble those of the double flowering Zinnias and are on account of their long stems very useful for cutting purposes. Pkt., 15c.

RUDBECKIA BICOLOR SUPERBA.

1407—This new annual variety represents a very welcome addition to the collection of these popular annual and perennial plants so extensively used for cut flowers at present. Growing about 2 feet in height, it forms a many branched, dense bush, and produces its long stemmed flowers in the greatest abundance. The disk is brown, the ray florets are yellow with large velvety-brown spots at the base. Large pkt., 10c.



New "EMPEROR" SALPIGLOSSIS.

1410—Ease of culture is the first quality that commends the Salpiglossis to all amateur gardeners. It thrives in any good garden soil and in almost any situation, though, like other flowers, it responds readily to good treatment. The New Emperor strain is a very great improvement on the older type in its increased size of flowers, their improved shape and larger variety of colors, and more than all else in their singularly beautiful veinings of gold. These are the only flowers, to our knowledge, that show a glint of gold in their coloring. Pkt. (250 seeds), 10c.

1411—Salpiglossis. Large flowering sorts in splendid mixture. Pkt., 5c.; ¼ oz., 20c.

SALPIGLOSSIS are natives of Chili and were introduced in 1824. Seeds may be sown early in boxes, but do very well sown out of doors if the soil is light. The plants grow about two feet high, and the blossoms are about the size of those of the Petunia. The colors are very brilliant, the petals of velvety texture and very delicately and beautifully penciled and veined. These plants stand the sun well, and bloom abundantly from July till Autumn. Some of the colors are scarlet, purple, lilac, blue, yellowish-brown, very dark red and bronze.

SALVIA.

Flowering Sage.

1419—Salvia, Clara Bedman. (Bonfire.) The plants form handsome globular bushes about 2 feet in diameter. The spikes grow erect and stand clear above the foliage, completely covering the plant and are of a most brilliant dazzling scarlet. Per ¼ oz., 50c.; pkt., 10c.

1420—Splendens. Large flowering Scarlet Sage. Pkt., 5c.

1421—Patens. The purest and brightest blue of all. Pkt., 10c.

1422—Argentea. Silver white foliage. Pkt., 5c.

A hedge of these Salvias is a beautiful sight to behold. They are a blaze of color during the whole Summer and Fall.

1430—Sanvitalia. Dwarf trailing plants with double bright golden yellow flowers. Pkt., 5c.



New Salvia Splendens, Drooping Spikes.

1415—This new, large flowering Salvia (Scarlet Sage), has three times the flowering capacity on each spike of the ordinary Salvia Splendens. The flowers are produced in great numbers, causing the spikes to droop by their weight. It is one of the most desirable plants for decorative purposes if planted either singly, in groups or with other plants. The flowers are of the most brilliant, dazzling scarlet, produced in endless profusion and until late in the Fall. Pkt. (75 seeds), 10c.; 3 for 25c.; ¼ oz., 40c.

SALVIA SPLENDENS "SILVERSPOT."

1416—The leaves are rich, soft dark green with light sulphur or cream colored spots of various size liberally sprinkled over them. A charming variety of great effect. Pkt., 10c.

GOLDEN-LEAVED SALVIA.

1418—One of the most brilliant and attractive plants. Habit, compact, short-jointed and branching, with an abundance of foliage, which is of a fine yellow shade, hardly a trace of green about it. The scarlet flowers are of exceptional brilliancy, far more brilliant than the common Salvia Splendens. The color of the foliage is constant, and its color is perhaps intensified by heat. Pkt. (100 seeds), 10c.; 3 for 25c.

1418a—NEW SALVIAS MIXED. Above three kinds. pkt. (150 seeds), 15c.



SCABIOSA, OR MOURNING BRIDE.

Elegant cut flowers, keep long, are very handsome and the colors are exceedingly fine; some flowers are almost black.

The Snowball Scabiosa.

1435. The flowers of this pretty new Scabiosa are large, measuring nearly 2 inches in diameter, of purest white and very double. The stems are very long and the foliage luxuriant. This plant comes quite true from seed and is sure to be liked for vases and bouquets. Pkt., 10c.; 3 for 20c.

1436—Golden Yellow. The color has long been desired in the Scabiosa family and is now obtained after years of selections. The flowers are double, of a fine pure yellow color and are charming for bouquets. The plants are semi-dwarf and very free-blooming. Pkt., 5c.

1437—Black Prince. The flowers are very large and double and nearly black, a beautiful color, very effective as a bunch in a vase. Pkt., 5c.

1438—Double Blood-Red. A very striking color. Pkt., 5c.

1439—Special Offer. One pkt. each of the above 4 colors for 20c.

1450—Large Flowering Scabiosa. Flowers average 3 inches across, very double; valuable for bouquets. Many colors mixed. Pkt., 5c.; ½ oz., 15c.

1451—S. Caucasica. A beautiful hardy perennial; flowers soft lavender. Pkt., 10c.



Schizanthus, or Butterfly-Flower.

1445—An easily grown plant, bearing quantities of gay, butterfly-like flowers, beautifully marked and spotted, closely resembling some species of Orchids. For Winter blooming in pots the Schizanthus is one of the most desirable of all flowers. Plants from seed sown in November will be full of bloom from January to May. Pkt., 5c.

1446—Sedum. (Stone Crop.) Blue. Pkt., 5c.

1447—Sensitive Plant. Pkt., 5c.

1450a—Solanium, Jerusalem Cherry. Easily grown plants with ornamental fruit. Especially fine for pots and last a long time in beauty. The fruit is about the size and color of a cherry. The plants can be grown out of doors and then be potted up in September for house use. Of easiest culture. Pkt., 5c.



LARGE FLOWERING TEN WEEKS STOCKS.

STOCKS. (Levkoyen.)

These are among the finest annuals when well grown. They grow from 10 to 18 inches high and of very compact form. The seed will germinate in from 3 to 5 days and the plants commence to bloom in about 10 weeks from the time of planting, and continue until killed by frost. Give good rich soil and good cultivation or most of the flowers will come single. In warm climates it does best if given a shady location where the noonday sun will not strike. They are very thirsty plants and must be watered in dry weather. They produce blossoms in all shades of crimson, rose, lilac and white, and yield a delicious odor. Nothing is prettier than some of these Stocks for window plants in Winter as they will bloom continually.

Large Flowering Ten Weeks Stocks.

- | | |
|-----------------------------|----------------------------|
| 1456—Pure White. | 1459—Crimson. |
| 1457—Brilliant Rose. | 1460—Purple. |
| 1458—Light Blue. | 1461—Canary Yellow. |
- Any of above, per pkt., 10c.; any 3 for 25c.
- 1462—Large Flowering.** Best Mixed. 10c.
1463—Fine Mixed. Pkt., 5c.
1464—Imported Collection. 12 colors. 60c.
1465—Imported Collection. 6 colors. 30c.

Giant Perfection Stock.

This sort produces plants 2½ feet high, with long flower spikes of handsome double flowers.

- 1466—Choicest Mixed.** Pkt., 10c.
1467—Collection of 6 Colors. 50c.
1468—White Perfection, or "Cut and Come Again." This variety is almost a perpetual bloomer, about 18 inches high, branches freely. Flowers are of the purest white, very large, and carried on stems 3 in. long. Pkt., 10c.

1469—Fire Flame. Ever-blooming, resembling red garnet flame. Pkt., 10c.

1470—Forcing Stock, Snow Flake. The earliest White Ten Weeks Stock. Flowers extremely double and snow white. Pkt., 15c.

1475—Vaughan's Special" Mixture of Ten Weeks Stocks. Includes all the above sorts, and some novelties not listed here. Pkt., 15c.; 2 for 25c.

BOSTON SMILAX.

1450—A very pretty and easily grown pot plant for the house. A little plant obtained in the Spring, and given plenty of root room in a rich compost, will become a handsome plant in late Autumn, covering a pot-trellis with its elegant green sprays. In developing the first sprouts make a dwarf growth, but each succeeding shoot is stronger and more vigorous, until six feet or more are reached, when given string support. It grows readily from seed, which, however, should be soaked for 24 hours (in hot water) before sowing. Pkt., 5c.

1453—Stevia Seratta. Very pretty perennials. Flowers white star-shaped, leaves fragrant. Pkt., 5c.

ELKHART CO., IND.—As your seeds and plants are the best yet found, I shall remain a small but true customer.
P. E. GEHRE.



SUNFLOWERS.

New Hybrid Sunflowers, "Cut and Come Again."

Helianthus Cucumerifolius. New Types.

These improved, branching single Sunflowers are becoming exceedingly popular for display in the garden and for cut flowers. The plants form many branched pyramidal bushes 3 to 4 ft. high, bearing from base to summit a continuous succession of flowers from June until frost. The perfectly formed single flowers, 3 to 4 inches across, are borne on long stems. They are easily grown, commencing to flower in a few weeks from seed.

1480—White Star. Almost pure white with black eye. Pkt., 10c.

1481—Sirius. Lemon-yellow with dark centre. Pkt., 10c.

1482—Mars. Intense golden yellow with dark eye. Pkt., 10c.

1483—Mixed "Cut and Come Again" Sunflowers. All colors and new types. Pkt., 10c.; oz., 20c.

New Double White Sunflower.

Helianthus Cucumerifolius, Albus Pl.

1484—The nearly pure white color of this sterling novelty is conserved not only in the half-double flowers (*semiplenus*), but also in the extra-double flowers (*plenissimus*), so that the Miniature Sunflowers are at the same time enriched by a new form and new color. Pkt., 10c.; 3 for 25c.

1485—Many-Flowered Double Sunflower. This is a most useful and ornamental plant. It grows about 4 ft. high and produces a large double flower on the top of the stalk and one on each leaf joint, which latter are borne on a short stem. The flowers are perfectly double and produce a very large amount of seed which makes excellent chicken feed. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

1486—Ever-blooming Miniature Sunflower, "Stella." The flowers are 2½ to 3 in. across, single; are borne on long stems and of purest golden yellow with black disk. It is a splendid flower for cutting and equally as valuable for flower groups or as a solitary plant on the lawn. Per pkt. (50 seeds), 5c.; ½ oz., 15c.

1488—New Miniature Sunflower, "Orion." Similar in growth to Sunflower Stella, but differs from it in having twisted or fluted petals, similar to those of the Cactus Dahlias, that gives it a remarkably graceful appearance. A very useful plant for large groups and beds, also a first-class plant where cut-flowers are in demand. Pkt., 10c.; 3 for 25c.

1490—Californicus Fl. Pl. Extra large and very double. Pkt., 5c.; oz., 10c.

1491—Double Dwarf. Grows about 2½ ft. high; flowers very double, rich golden yellow. Pkt., 5c.

1492—Globosus Fistulosus. Flowers immense, from 12 to 15 in. in diameter. Globular and extremely double; the most effective of all annual Sunflowers. Oz., 10c.; pkt., 5c.

1493—Mammoth Russian. Of gigantic dimensions, both flowers and stalk. Oz., 5c.

1495—Mixture of Many Double Varieties. Oz., 15c.; pkt., 5c.

1496—Vaughan's Special Sunflower Mixture. All sorts mixed in proportion. Pkt., 10c.

Sweet Peas

A Few Rules for the Successful Cultivation of Sweet Peas.

The plants should not be raised for two successive seasons on the same ground.

Sweet peas should not be planted on the same ground after culinary peas.

Excessive manuring with stable manure in the row immediately before sowing the seed is not desirable. Ground intended for sweet peas, if not left in good condition after taking the last crop, will be better for manuring the previous Fall rather than at the Spring seeding.

The use of artificial fertilizers, bone meal, nitrate of soda, etc., can be made in the Spring at the time of planting or soon after.

The following list contains all the varieties of Sweet Peas we carry, including novelties. We have discarded many of the older kinds, which were displaced by newer and better sorts. All at the uniform net price of 5c. per pkt.; any three 5c. pkts., 10c.; any seven packets for 20c. 10c. per oz.; any four ounces for 25c.; any seven ounces for 40c. Except where otherwise priced, each variety is sold at 20c. per 1/4 lb., 60c. per lb., postpaid. By express, not prepaid, 50c. per lb.

- 1500—Admiral. Rosy lavender, large and fine.
- 1501—America. See novelties.
- 1501a—American Queen. See novelties.
- 1502—Apple Blossom. Bright rose and pink.
- 1503—Aurora. Striped orange-salmon on white ground.
- 1504—Black Knight. The darkest in color of all Sweet Peas.
- 1505—Blanche Burpee. Very large, pure white. Lb., 45c.
- 1506—Blanche Ferry. Pink and white, early. Lb., 45c.
- 1507—Blanche Ferry, extra early. Of greatest value for cut flowers, being 10 days earlier, dwarfier and more prolific than the Blanche Ferry. Deep pink, white wings.
- 1508—Blushing Beauty. A distinct soft pink, hooded form.
- 1509—Bridesmaid. Deep pink. See novelties.
- 1510—Butterfly. White, edged with lavender.
- 1511—Captain of the Blues. Purplish mauve, almost true blue.
- 1512—Captivation. Flowers large; beautiful claret.
- 1514—Coccinea. Brilliant cherry-red.
- 1515—Coquette. Primrose yellow, shaded lavender.
- 1516—Countess Cadogan. Bright shining violet, wings sky-blue.
- 1518—Countess of Radnor. Delicate mauve or lavender.
- 1519—Crown Jewel. Creamy white, veined rose.
- 1520—Crown Princess of Prussia. Flesh and salmon buff.
- 1521—Dainty. White with pink edge. See novelties.
- 1522—Dorothy Tennant. Deep-rosy mauve.
- 1523—Duke of Clarence. Brilliant rosy-claret.
- 1524—Duke of Sutherland. Deep claret and indigo blue.
- 1525—Duke of Westminster. Standard maroon, wings violet.
- 1526—Earliest of all. Pink and white.

We strongly advise the planting of Sweet Peas in colors, being much more satisfactory. We can furnish neat wooden painted labels, which are wired and can be fastened to stakes or wire netting, at 20c. per 100.

- 1590—Vaughan's Prize Mixture. See page 46.
- 1592—Eckford Mixture. This mixture contains over ten varieties, including novelties of 1903 and other choice varieties. By express, 10 lbs., \$3.50; 5 lbs., \$1.85. By mail, postpaid, lb. 50c.; 1/4 lb., 30c.; 1/2 lb., 15c.; oz., 10c.; pkt., 5c.

- 1593—All Colors Mixed. Also a very good mixture; contains over twenty varieties and will furnish fine flowers all through the season. Price, by express, 10 lbs., \$2.50; 5 lbs., \$1.40. By mail, per lb., 40c.; 1/4 lb., 25c.; 1/2 lb., 15c.; oz., 5c.; pkt., 3c.

Double Sweet Peas



- 1611—Lottie Eckford. White, blue edge
- 1612—Butterfly. White and lavender.
- 1613—Boreatton. Deep maroon.
- 1615—Duke of Clarence. Claret.
- 1616—Senator. Chocolate stripes on white.
- 1617—Bride of Niagara. The lower parts of the flower are white, while the upper parts, the banners, are clear rose.
- 1618—Double Sweet Peas, Mixed. All above kinds: pkt., 5c.; oz., 10c.; 1/4 lb., 20c.; lb., 65c.
- SPECIAL OFFER, No. 146. One pkt. each of the above 9 for.....20c
- SPECIAL OFFER, No. 147. One oz. each of the above 9 for.....40c

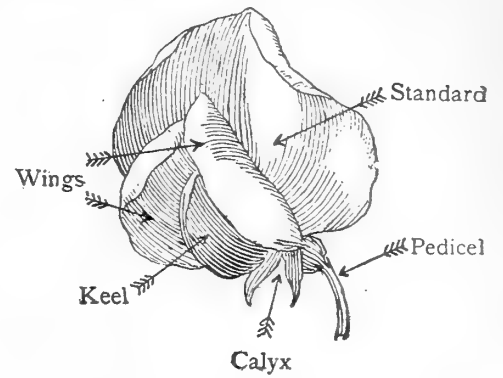
It has been a difficult task by hybridization and selection to change the habit of the Sweet Pea to the double form, and much remains to be done; but each year finds us nearer. The result at best is really semi-double flowers. The best varieties we have will not produce more than half doubles, the others remaining of the usual single type. Per pkt., 5c.; oz., 10c.; 1/4 lb., 20c.

- 1608—Apple Blossom. Rose and blush.
- 1609—Captain of the Blues. Blue.
- 1610—White. Pure white

Thin sowing, by which is meant planting the seeds from four to six inches apart, is conducive to vigor and strength of the plants which come later into bloom, but continue much longer than the plants from thick seeding.

Frequent stirring of the soil with hoe or cultivator in dry weather, thus producing a dust mulch, is preferable to artificial watering, unless irrigating facilities afford opportunities for a regular and abundant supply of water.

Do not allow any flowers to go to seed, else the plants will stop blooming.



- 1527—Emily Eckford. Reddish mauve.
- 1528—Emily Henderson. A good white, early and free. Lb., 45c.
- 1529—Emily Lynch. Pink and white, very early.
- 1530—Evening Star. An improved Venus. See novelties.
- 1531—Fascination. Rich mauve, darker than Countess of Radnor.
- 1532—Fashion. Soft reddish-lavender.
- 1533—Flora Norton. Bright blue. See novelties.
- 1534—George Gordon. See novelties.
- 1535—Golden Gate. Pinkish mauve and lavender.
- 1536—Golden Rose. Primrose, flushed pink. See novelties.
- 1537—Gorgeous. Bright orange-pink, shaded rosy-lilac.
- 1538—Gracie Greenwood. Soft cream, shaded pink. See novelties.
- 1539—Gray Friar. Watered purple on white ground.
- 1540—Her Majesty. Large, clear rose-pink; an excellent sort.
- 1541—Hon. F. Bouverie. Standard coral pink, wings lighter.
- 1543—Janet Scott. Deep pink. See novelties.
- 1544—Janie Gordon. See novelties.
- 1545—Josephine White. Very early white.
- 1546—Juanita. White, flaked with lavender.
- 1547—Katherine Tracy. Bright soft pink, good.
- 1548—Lady Grisel Hamilton. Lavender.
- 1549—Lady Mary Currie. Salmon-orange, one of the brightest.
- 1550—Lady M. Ormsby Gore. Cream. See novelties.
- 1551—Lord Roseberry. Carmine-rose. See novelties.
- 1552—Lottie Eckford. White, suffused with lavender.
- 1553—Lottie Hutchins. Flaked pink on cream.
- 1554—Lovely. A truly lovely shell pink; extra good.

- 1555—Maid of Honor. White, edged lavender.
- 1556—Mars. Bright, fiery crimson; extra good.
- 1557—Majestic. See novelties.
- 1558—Miss Willmott. See novelties.
- 1559—Monarch. Deep purplish maroon.
- 1560—Mont Blanc. Earliest white. See novelties.
- 1561—Mrs. Dugdale. A large beautiful deep rose.
- 1562—Mrs. Eckford. Delicate primrose-yellow.
- 1563—Mrs. Geo. Higginson, Jr. See novelties.
- 1564—Mrs. Jos. Chamberlain. White, striped rose.
- 1565—Mrs. Sankey. White, black-seeded.
- 1566—Navy Blue. True blue. See novelties.
- 1567—Nymphæa. Pink and white. See novelties.
- 1568—Othello. See novelties.
- 1569—Pink Friar.
- 1570—Prima Donna. See novelties.
- 1571—Prince Edward of York. Scarlet and rose. See novelties.
- 1572—Prince of Wales. New; bright rose, self color, of fine form and substance, having three and four flowers on long stout stems; a very beautiful and unique sort.
- 1573—Queen Victoria. Soft yellow, large.
- 1574—Ramona. White, splashed pale pink.
- 1575—Royal Rose. New; rich, rosy pink; very fine.
- 1576—Sadie Burpee. The new white, extra large flowers.
- 1577—Salopian. Blood red. See novelties.
- 1578—Senator. Chocolate stripes on white ground.
- 1579—Sensation. Paper-white with a flesh tinge.
- 1580—Shazada. Rich, dark maroon; attractive.
- 1581—Speckled Beauty. See novelties.
- 1582—Stella Morse. Cream shaded pink.
- 1583—Sue Earl. See novelties.
- 1584—Sunrise. Salmon and white. See novelties.
- 1585—Sunset. Primrose, striped rose. See novelties.
- 1586—The Bride. One of the best of the whites.
- 1587—The Hon. Mrs. Kenyon. See novelties.
- 1588—Triumph. Shaded rose.

Sweet Peas Red, White and Blue.

- 1605—Special Mixture. This grand new mixture is composed of Salopian, the best red; Blanche Burpee, white; Navy Blue, the only "true blue" Sweet Pea; and Countess Cadogan, a beautiful light blue. Per pkt., 5c.; per oz., 10c.; 2 oz., 15c.; 1/4 lb., 25c.; per lb., 75c., postpaid.

- 1606—One pkt. each of these 4 kinds for 10c.
- 1607—One ounce each of these 4 kinds for 20c.

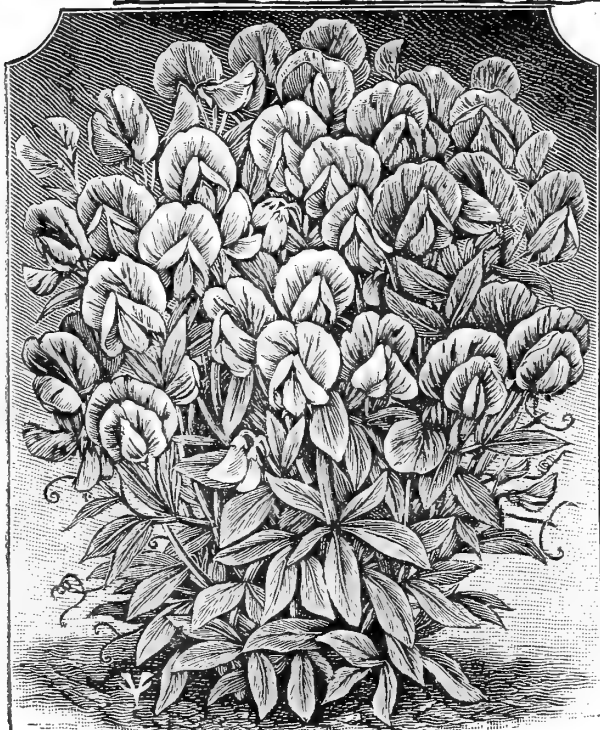
New Dwarf, or Cupid Sweet Peas

PRICE: Any of the following: pkt., 5c.; oz., 10c.; 2 oz., 15c.; 1/4 lb., 25c.

- 1635—Royalty Cupid. One of the very finest self-colored pinks.
- 1636—Captain of the Blues Cupid. Reddish-purple tint, heavily suffused with violet.
- 1637—Stella Morse Cupid. Rich, creamy buff tinted with apricot.
- 1638—Apple Blossom Cupid. Deep rose on a silvery ground, deeper in center.
- 1639—White Cupid.
- 1640—Pink Cupid. Growing from six to eight inches high, handsome large flowers, all borne close to the end of the stem.
- 1641—Beauty Cupid. Delicate rose-color, whitening towards the edges.
- 1642—Alice Eckford Cupid. The standards are rich creamy white, suffused with flesh pink; the wings are silver-white with a faint pink flush in the center
- 1643—Primrose Cupid. The flowers are of a rich creamy tint.
- 1644—Boreatton Cupid. Wings deep mauve; standards rich wine-brown.
- 1645—Countess of Radnor Cupid. Color clear lavender.
- 1646—Firefly Cupid. Flowers brilliant scarlet.



- 12—CUPIDS—12
- 1647—1 pkt. each of the above 12 Cupids for 25c.
- 1648—1 oz. each of the above 12 Cupids for 50c.
- 1649—Cupid Sweet Peas, mixed, all the above 12 kinds: pkt., 5c.; oz., 10c.; 1/4 lb., 20c.; lb., 60c.



BUSH SWEET PEAS.

The plants are erect, 15 to 18 in. high, forming dense bushes, 15 in. wide.

- 1623—**Bush Blanche Burpee.** White.
- 1624—**Bush Blanche Ferry.** Pink and white.
- 1625—**Bush Gray Friar.** The coloring is of lavender-purple on a silvery-white ground.
- 1626—**Bush Her Majesty.** Rose.
- 1627—**Bush Monarch.** Standard, of a deep claret or wine-brown; wings heavily rolled, rich purple.
- 1628—**Bush Prima Donna.** Delicate pink.
- 1629—**Bush Senator.** Deep purplish maroon, heavily striped on a white ground.
- 1630—**Bush Stella Morse.**
- Any of above Bush Sweet Peas, pkt., 5c.; oz., 10c.; 2 oz., 15c.; ¼ lb., 25c.
- 1631—**Bush Sweet Peas.** All of the above, mixed. Pkt., 5c.; oz., 10c.; 2 ozs., 15c.; ¼ lb., 25c.; lb., 80c.

SWEET VIOLETS. 1660—**The Czar.** Large flowering, blue. Pkt., 10c.
1661—**Blue Sweet Violet.** The old-fashioned sort. Pkt., 5c.

THUNBERGIA. 1676—Beautiful trailing plants for hanging baskets and lawn vases. Flowers flaring, trumpet shaped, 4 ft. Mixed, all colors Pkt., 5c.

TORENIAS. These are easily started and soon come into bloom, becoming bushy, globular plants 8 or 10 inches high, literally covered with the lovely, richly colored, snap-dragon-like flowers. They are excellent for beds, pots or hanging baskets.

1678—**Fournieri Compacta.** The flowers are of an exquisite blue. The habit of the plant is very graceful and compact, and they are covered with flowers the whole Summer. Pkt., 5c.

1680—**Bailloni.** Deep yellow. Pkt., 5c.

1681—**White Wings.** White, with a light flush of rose at the base of throat. Pkt., 5c.

1682—**Torenia, Mixed.** The above three kinds. Pkt., 10c.

SWEET WILLIAM.

1664—**Giant Flowered Single.** An improvement on older sorts, both in variety of colors and size of flowers and trusses. The single flowers are often as large as a 25-cent piece, and are simply enormous in comparison with the old-time Sweet William. Pkt. (100 seeds), 10c.; 3 for 25c.

1665—**Giant Flowered Double.** Like the above it is an improvement on the old-fashioned Sweet William, producing umbels of enormous size on stiff stems and in a great variety of shades and colors. The single florets often measure 1 in. in diameter. Pkt. (100 seeds), 10c.; 3 for 25c.

1666—**Special Offer.** One pkt. each Double and Single Giant Sweet William for 15c.

1668—**Single, Many Colors Mixed.** Pkt., 5c.; ¼ oz., 15c.

1669—**Auricula Flowered.** A beautiful mixture of single varieties, showing a distinct eye. Pkt., 5c.; ¼ oz., 15c.

1670—**Double Mixed.** Pkt., 5c.; ¼ oz., 20c.

1671—**Double White.** Pkt., 5c.

1672—**Double Blood Red.** Pkt., 5c.

1673—**Harlequin.** One of the first varieties. The flower clusters are large, while the individual flowers are of various distinct shades. Pkt., 5c.

1674—**Sweet William "Special Mixture."** All the above in one packet. Pkt., 10c.; 3 for 25c.

VINCA.

Ornamental free-blooming plants; seed must be sown early and then the plants will bloom the first Summer. They can be taken up in the Fall like Chrysanthemums, potted and kept in bloom through the Winter.

1730—**Pink.** 1731—**White with Pink Center.** 1732—**Pure White.** 1733—**Mixed Colors.** Pkt., each, 5c.



NEW GIANT FLOWERED SWEET WILLIAM



TYPES OF "VAUGHAN'S BEST" VERBENA MIXTURE.

VERBENAS.

Verbenas are one of our best annuals, and by many people are preferred to the Phlox, Aster or Pansy. Nothing is easier to grow, and the display they give during the Summer is equalled only by the Phlox. Sow them early and they will bloom for you constantly from June until frost time.

1706—**Pink and Carmine Shades.** This new mammoth strain embraces remarkably lovely tints from light and dark rose to deep carmine. The flowers are of exceptionally large size, and are borne in splendid trusses. Pkt., 10c.

1707—**Firefly.** A mammoth Verbena, which comes quite true from seed, and is entirely distinct by its grand trusses of brilliant red flowers with large pure white eye. Pkt., 15c.

1708—**Mammoth White.** This is by far the best and largest of all white Verbenas. Pkt., 10c.

Special Offer No. 154. One packet each of above three new Mammoth Verbenas for 25c.

1709—**Mayflower.** This is of the same trailing habit as the Arbutus or Mayflower, its branches creeping over the ground and hugging it closely. Its blossoms are of the same shape and about the same size. The new Verbena Mayflower has all these characteristics, with the additional merit of possessing the same lovely and delicate pink and white coloring, making its flowers closely like the Arbutus; and, last, it has the same exquisite fragrance. Pkt. (75 seeds), 10c.; 3 for 25c.

1710—**Mammoth, Mixed.** The individual flowers are all of unusual size and also embrace a wide range of colors; they are of very large size, being frequently larger than a silver quarter; in fact, many are scarcely covered by a silver half-dollar. The colors are varied and embrace all desirable markings. Pkt., 10c.; 3 for 20c.; ¼ oz., 40c.

1711—**Verbena, Extra Choice, Mixed.** ¼ oz., 30c.; pkt., 10c.

1712—**Verbena, Fine Mixed.** ¼ oz., 20c.; pkt., 5c.

1700—**Verbena White (Sea Foam).** Large and sweet scented. Pkt., 5c.; large pkt., 10c.

1701—**Defiance.** Brilliant scarlet. Pkt., 5c.; large pkt., 10c.

1702—**Striped.** Pkt., 5c.; large pkt., 10c.

1703—**Dark Blue, White Eye.** Pkt., 5c.

1704—**Purple Mantle.** Rich, deep velvety purple, white eye. Pkt., 5c.

1705—**Purple.** Pkt., 5c.

1705a—**Primrose Yellow.** Very pretty. 5c.

Dwarf Verbena.

This dwarf strain of Verbenas is especially suited for bedding and edging, growing only about 6 in. high, and well branched and covered with flowers, making an even carpet of leaf and blossom.

1737—**Dwarf White.** Pkt., 10c.

1738—**D. Scarlet.** Pkt., 10c.

1739—**D. Mixed.** Pkt., 10c.

"VAUGHAN'S BEST" MIXTURE OF VERBENAS.

1729—This mixture embraces all that is choice and desirable in Verbenas. It includes the Mammoth Flowered strains of three celebrated Verbena specialists, the beautiful and dazzling Defiance, the New Mammoth Snowball, Purples, Striped and all the Auricula-Flowered varieties with their large umbels of white-eyed flowers, the New Giant Striped, the new "Mayflower," the new Mammoth Reds and Pinks, and Howard's "Royal Splendor" Verbenas. We feel perfectly safe in stating that this mixture of Verbenas will eclipse every other strain offered by any other house, and it will produce flowers that will delight all beholders throughout the whole Summer. Pkt. (125 seeds), 15c.; extra large pkt., 25c.; ½ oz., 50c.; oz., \$3.00.

WALLFLOWER (Gold Lack.)

Wallflowers should be better known. Their ease of growth, their adaptability for pot culture and outdoor bedding and their peculiarly sweet odor, should win favor. They are easily grown, and last long as cut-flowers.

1751—Single. Mixed. Pkt., 5c.
1752—Double Sorts. Extra mixed. Pkt., 10c.

ANNUAL WALLFLOWER.

1753—The old English Wallflower is a favorite everywhere, but it cannot be grown in this country as well as it can in England, owing to the fact that it cannot stand our Winters in the open ground. This serious difficulty is overcome in this new strain. Seed sown in the open ground the first of May will commence blooming by the first of July, and if started earlier in the house or in hotbeds, they can be had in profusion from early in June until late Autumn, as they continue blooming through Autumn frost without injury. The blossoms are of large size and borne in compact, short spikes and are exceedingly sweet-scented. The plants are not injured by Fall frosts and bloom until December.

Pkt., 10c.; 3 for 25c.



DOUBLE WALLFLOWER.



VAUGHAN'S GIANT-FLOWERING ZINNIA.

OUR WILDFLOWER AND KINDERGARTEN.

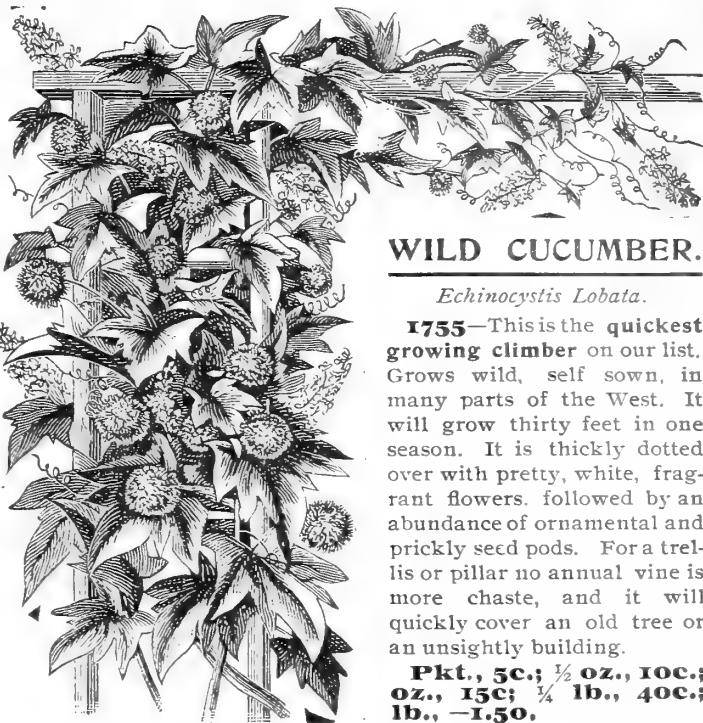
2012—Not only is the love of the beautiful, and artistic taste aroused but there also comes a love of order and an incentive to work when the child is given a personal interest in the cultivation of the garden. With a small expense of labor, the Kindergarten can be transformed into a delightfully attractive spot, and form the most instructive of school-rooms and the happiest of playgrounds. This mixture embraces over a 100 sorts of easy-growing flowers most suitable for any bare or unsightly spots in the yard, to sow along fences, on embankments, etc. All the cultivation necessary is some thinning out where the plants are too crowded and to keep the spot clear of weeds.

Pkt., 5c.; 1/2 oz., 10c.; oz., 15c.; 1/4 lb., 35c.; lb., \$1.00.



THE HARDY FLOWER GARDEN. Order by this name.

FOR 50c. we will send one packet each of the following.
AQUILEGIA, (Columbine.)
CAMPANULA
CHRYSANthemum MAXIMUM
COREOPSIS LANCEOLATA.
DELPHINIUM, (Larkspur.)
FOXGLOVE, (Digitalis.)
GAILLARDIA.
HOLLYHOCK.
PLATYCodon.
SWEET WILLIAM.
10 packets of Choice Perennials for 50 Cents.



WILD CUCUMBER.

Echinocystis Lobata.

1755—This is the quickest growing climber on our list. Grows wild, self sown, in many parts of the West. It will grow thirty feet in one season. It is thickly dotted over with pretty, white, fragrant flowers, followed by an abundance of ornamental and prickly seed pods. For a trellis or pillar no annual vine is more chaste, and it will quickly cover an old tree or an unsightly building.

Pkt., 5c.; 1/2 oz., 10c.; oz., 15c.; 1/4 lb., 40c.; lb., \$1.50.

ZINNIAS.

DOUBLE LILIPUT ZINNIA. 1800—Another "good thing"; don't miss it. This is one of the most charming of annual flowers. The plants form handsome little bushes about fifteen inches high, and fairly bristle with tiny, short-stemmed, very double flowers, hardly exceeding a Daisy flower in size. They are exceedingly pretty plants, bloom all Summer long and until late in Fall. **Pkt., 10c.; 3 for 20c.**

New Mexican Hybrid Zinnias—1801. These new Hybrids produce flowers of the size of a large Daisy. They are single, semi-double and double, and the colors are in the most unique, pleasing and numerous variations. In it are found shades peculiar to the Marigold, the Gaillardias and Chrysanthemums. They are extremely pretty, very free-flowering, elegant plants that will please everybody. **Pkt., 10c.; 3 for 25c.**

Zinnia, Crested and Curled—1802. The flowers are large and double, the petals being twisted and curved into most graceful forms; the range of color is also remarkable, comprising the various shades of red, yellow, pink, as well as many intermediate tints, with some striped and pure white. The plants grow in bushes 2 feet in diameter, and are covered with flowers borne well above the foliage. **Pkt., 10c.; 3 for 20c.**

1803—Mixture of Double Large-Flowering Zinnias. Many colors, finest strain. **Oz., 25c.; 1/2 oz., 15c.; Pkt., 5c.**

1805—Pure White. (Snowball.) 5c.
1806—Dwarf Scarlet. (Fireball.) 5c.
1807—Golden Yellow. Pkt., 5c.
1808—Double Crimson. Very double. Pkt., 5c.
1809—Double Pink. Pkt., 5c.

1810—Carnation Striped. Flowers are of perfect form, double and as finely striped as a Carnation. **Pkt., 5c.**

1811—Zinnia Mexicana Fl. Pl. Dwarf variety, yellow flowers. Pkt., 5c.

DOUBLE POMPONE ZINNIA.

1804—A very fine strain, containing many rich colors and shades. The plants grow about 2 feet high, and the flowers are in size between the Liliput and the Large Flowering. Very desirable. **Pkt., 5c.; 1/2 oz., 15c.; oz., 25c.**

VAUGHAN'S GIANT-FLOWERED ZINNIA.

1812—This is a mixture of the largest Zinnias yet obtained, plants being of vigorous growth, about 3 feet high, and very profuse of bloom. The flowers are extremely double and very brilliant in color, showing shades not found in any former collection, while in size they surpass all other Zinnias, often 4 to 5 inches in diameter. It also includes the Mammoth Zebra strain, equal in size to the largest, and striped and marked in scarlet and gold, white and scarlet and other combinations. **Pkt., 10c.; 3 for 20c.; 1/4 oz., 30c.**

MIXED FLOWER SEEDS.

Carriage drives, shrubberies, large borders, and woodland walks may be brightened with most pleasing effect by sowing Mixed Flower Seeds and the cost is merely nominal.

2010—DWARF SORTS. Lb., \$1.00; 1/4 lb., 30c.; oz., 10c.

2011—TALL VARIETIES. Lb., \$1.00; 1/4 lb., 30c.; oz., 10c.

AN INEXPENSIVE GARDEN.

Order by this name.

For 50c. we will send 1 pkt. (regular size) each of Tall Nasturtium, mixed colors; Phlox, 10 colors; Sweet Peas, 20 kinds; Asters, 6 colors; Petunia, 10 colors; Candytuft, white; Sweet Sultan; Canarybird Climber; Pompone Zinnia and mixed Verbena, all choice strains, and 5 fine Gladiolus Bulbs.

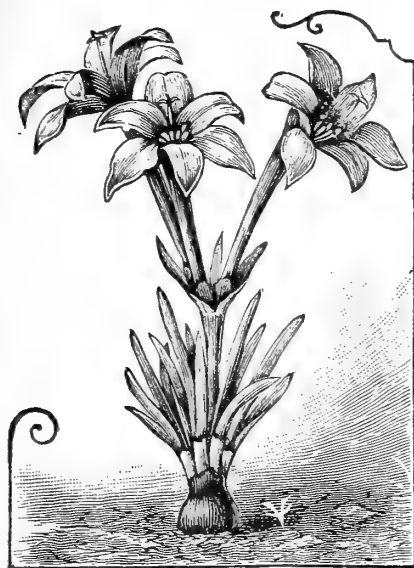
Ten Packets Choice Flower Seeds and 5 Bulbs for 50c.

VAUGHAN'S CLIMBER COLLECTION.

No. 2000—6 Different Climbers, our selection of kinds, **20c.** (retail value 30c.)

No. 2001—12 Different Climbers, our selection of kinds, **40c.** (retail value 60c.)

No. 2002—Twenty Climbers, mixed, per large pkt., **15c.; 2 for 25c.**



CHLIDANTHUS FRAGRANS.

AMARYLLIS.

Formosissima. One of the finest of the Amaryllis family, having beautiful dark scarlet flowers, strangely marked. It is very free blooming and can be easily grown in water like the Hyacinth or Chinese Lily. If planted outdoors after danger of frost is over it will flower during the Summer, and can then be lifted in early Fall and carried over the Winter like the Gladiolus. **Large Bulbs, each, 10c.; 3 for 25c.; doz., 90c.**

Johnsonii. The old favorite and almost too well known to need description. The immense trumpet-shaped flowers, which measure 6 to 8 in. across, are borne on strong, fleshy flower spikes and are of rich, deep velvety crimson, each petal having a broad white stripe, contrasting beautifully with the deep red color. **Large Bulbs, each, 30c.; 3 for 85c. Mammoth Bulbs, each, 50c.; 3 for \$1.25.**

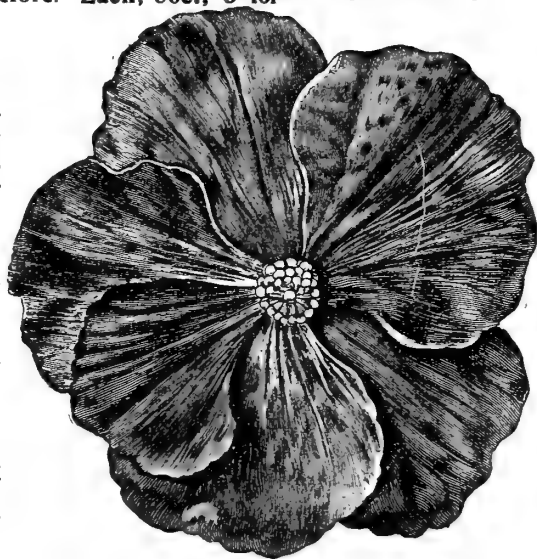
Vittata Hybrids. These are all unnamed seedlings and will produce flowers which for colors and markings cannot be surpassed. The bulbs are of large size and will bear immense spikes of large trumpet shaped flowers from 8 to 10 in. across with rich glowing colors. We advise our customers to try a few bulbs of these grand Amaryllis, as they are something new and distinct from any ever offered before. **Each, 50c.; 3 for \$1.35; doz., \$5.00.**

APIOS TUBEROSA.

Also called Tuberous-rooted Wistaria. A pretty vine possessing a delicious violet fragrance. **2 for 10c.; 5 for 20c.; doz., 45c.**

New Tuberous Rooted Begonia Lafayette.

A splendid bedding variety of this well known family. Flowers are of a most brilliant fiery scarlet, double, and borne upright on their stalks. One of the best for bedding as it blooms all summer. **Each, 30c.; Doz., \$3.00.**



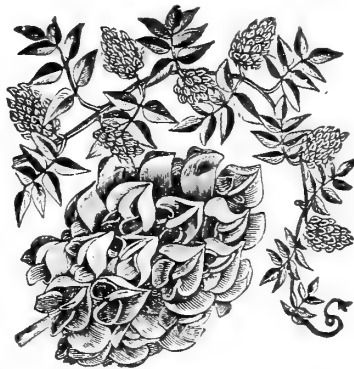
SINGLE TUBEROUS ROOTED BEGONIA.

TUBEROUS ROOTED BEGONIAS.

This showy flower has become very popular and deservedly so, as they are perhaps the handsomest of all Summer flowering tuberous rooted plants. To those of our customers who are tired of planting Geraniums every year we would recommend their trying a bed of Begonias as a substitute. They will succeed in any rich well drained soil, and prefer a position where they will be protected from the direct rays of the sun during the hottest part of the day. They also make fine pot plants for the conservatory or window garden. They may be had in both single and double sorts in the following colors:

SINGLE SORTS.		DOUBLE SORTS.	
White,	Each, 7c.;	White,	Each, 12c.;
Yellow,	4 for 25c.;	Yellow,	4 for 45c.;
Scarlet,	doz., 70c.;	Scarlet,	doz., \$1.25;
Pink,	100, \$5.00.	Pink,	100, \$8.00.
Mixed,		Mixed,	

SUMMER FLOWERING BULBS

AMARYLLIS
FORMOSISSIMA

APIOS TUBEROSA.

Prices include postage unless otherwise given.

CALADIUMS. Elephant's Ears.

One of the most effective plants in cultivation for planting out upon the lawn; growing 5 ft. high, with handsome leaves often 3 ft. long and 20 in. wide. It will grow in any good garden soil and is of easiest culture. Can be stored in sand in any warm place during winter.

Fine Bulbs with Live Center Shoots.

First Size Bulbs. 1½ to 2½ in. in diameter; each, 10c.; 3 for 25c.; doz., 85c.; 100, \$5.00. Postage, 5c. each extra.

Select Size Bulbs. 2½ to 3 in. in diameter; each, 12c.; 3 for 30c.; doz., \$1.10; 100, \$7.00. Postage, 8c. each extra.

Extra Large Bulbs. 3 to 4 in. in diameter; each, 18c.; 3 for 50c.; doz., \$1.75; 100, \$13.00. Postage, 10c. each extra.

Mammoth Size. Beautiful bulbs. Each, 30c.; 3 for 80c.; doz., \$3.00. Postage, 15c. each extra.

Jumbo Bulbs. These are of monstrous size and will throw up leaves 6 to 7 ft. high. One bulb will make a splendid show. **Each, \$2.00; 3 for \$5.00, by express at buyer's expense.**

**NEW HYBRID YELLOW CALLA.**

The result of a cross between one of the rare Yellow Callas and the well known white-flowered spotted-leaved Richardia Maculata. It has the foliage, the vigor, the propagating and free blooming qualities of its white parentage while the color of the large fragrant flowers is a beautiful Canary Yellow, with an intense purple base inside. It was originated by Dr. W. Van Fleet of New Jersey, and is an especially valuable bulb for summer bedding, the effect in masses being distinct and brilliant. It is also a very desirable conservatory and aquarium plant, very healthy and a ready bloomer. **Each, 30c.; Doz., \$3.00.**

Spotted Leaf Calla. Similar to the well-known White Calla, but having its glossy, dark, rich green foliage marked and dotted with numerous white spots. The flowers are pure white, with dark throat. **Each, 15c.; 2 for 25c.; doz., \$1.25.** Extra large bulbs, each, 25c.; 3 for 60c.



CALADIUM ESCULENTUM.

FANCY LEAVED CALADIUM.

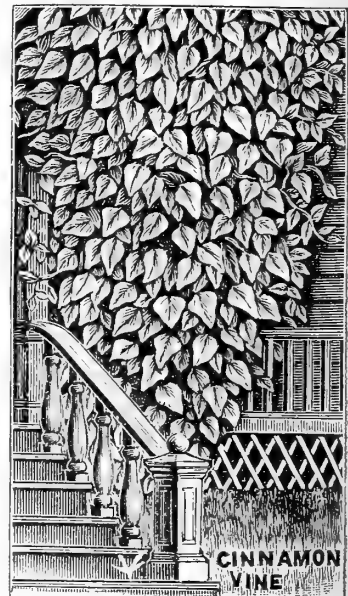
For window boxes, house or greenhouse growing, this is one of the most decorative plants. Their leaves, handsomer than Begonias, are spotted, marbled, veined, striped with white, pink and dark red. Bulbs should be started into growth in a warm place. **Each, 20c.; 3 new varieties, 50c.; 7 for \$1.00, postpaid.**

CHLIDANTHUS FRAGRANS.

This new addition to the list of Summer flowering bulbs will become very popular when its merits are more fully known. A variety of the well-known Amaryllis family of free flowering habit with beautiful lemon flowers of a matchless fragrance, being a combination between the Lilac and the Tuberose. Makes a splendid plant for outdoors or for pot culture. Keep the bulbs in a dry, warm place and plant out the first of June. **Each, 15c.; 3 for 40c.; doz., \$1.45.**

THE CINNAMON VINE.

One of the most charming of climbers, and will quickly surround your arbor, window or veranda with a wonderful profusion of vines covered with handsome, glossy, heart shaped leaves and sweet-scented flowers, making it a perfect bower of beauty. **Perfectly hardy**—thriving everywhere, and once planted will grow for many years, and be a source of constant delight to the possessor. The vines often run 25 to 40 ft. and when trained over and about a window or veranda are universally admired, while their many clusters of delicate, unique white flowers send out an amount of delicious fragrance that is as truly wonderful as it is indescribable. **Good roots, 5c.; 6 for 25c.; doz., 40c. Extra large roots, 10c.; 3 for 25c.; doz., \$1.00.**

CINNAMON
VINE**CRINUM KIRKI.**

The grandest variety of this group. The flowers are fragrant, petals broad and white, with a deep, purple reddish stripe through the center. Usually two flower stalks are sent up, each bearing a large cluster of 12 to 20 flowers. It blooms with the greatest freedom. **Large Bulbs, 40c. each, postpaid. Extra Mammoth Bulbs, weighing about one and one-half pounds, \$1.00, postpaid.**

SPECIAL OFFER No. 500.

We will mail postpaid for 40c., 1 each of the following 5 Bulbs: Amaryllis Formosissima, Single Begonia, Double Begonia, Caladium Esculentum, Spotted Leaf Calla.

List price of this collection is 50c.



GLADIOLUS PRINCEPS.

GLADIOLUS "1900."

Cannot be surpassed for Cut Flowers and Show Beds.

One of the finest varieties we have ever grown at our trial grounds. Flowers are borne on stalks $3\frac{1}{2}$ to 4 feet high, the length of bloom being from ten to sixteen inches. The color is a very rich shade of red with prominent white spots on the three lower petals. It has a long season of bloom and an abundance of green foliage. A bed planted with this variety alone makes a splendid show and can be seen for great distance. It is fine as a cut flower and will last in water for a long time. Each, 7c.; doz., 75c.; 100 for \$5.50.

SPECIAL OFFER, No. 600. We will mail postpaid for \$1.00, 4 each of the three splendid varieties, "1900," Ben Hur and Liley.



"1900"
GLADIOLUS

Vaughan's LARGE FLOWERING Gladiolus

The easiest grown and most attractive Summer flowering bulb. Invaluable for cut flower decorations. Will last a week in vases. They not only furnish beautiful flowers all the Summer, but the bulbs themselves double in value with a season's growth. Unequaled by any other plants or bulbs for flowering and increasing value.

Prices on single bulbs and dozens include postage; 50 and 100 lots are sent at buyer's expense.

THE SPLENDID NOVELTY, PRINCEPS.

A superb new Gladiolus. This magnificent variety, grown and developed by Dr. Van Fleet, and introduced by us in our last catalogue, 1903, is the largest and most effective of all Gladioli. It grows from $3\frac{1}{4}$ to 4 feet high under ordinary garden conditions; its broad, handsome foliage is a grand setting for the brilliant Amaryllis-like blooms which open more widely than any other variety, a characteristic it receives from *G. cruentus*, the mother species. The color is rich crimson with intense shadings in the throat, and broad white blotches across the lower petals. The flowers range from 5 to 6 inches in diameter, and can be grown to nearly 8 inches under stimulating culture. The petals are very wide and much rounded, forming an almost circular flower. From three to six of these immense and brilliant blooms are expanded at a time on each spike, which often produces 16 to 18 flowers during its development. Princeps is a most striking variety and the rate of increase is such that in time it can be produced in large quantities for bedding purposes as well as for cutting and exhibition. It endures the sun and wind well, and opens perfectly to the last bud in water. It blooms normally in August, but may be had late in October by delaying planting. It forces splendidly.

READ WHAT GARDENERS SAY ABOUT IT.

Newport, R. I., Nov. 3, 1903. "It gives me great pleasure to say that Princeps is the finest Gladiolus I have ever grown and I consider it a great acquisition to that beautiful family. I intend next season to grow a large quantity." **ARTHUR GRIFFEN, Head Gardener for E. T. Gerry, Esq.**

"Highland Falls, N. Y., Nov. 5, 1903. "The Gladiolus Princeps which you sent me were very fine, one of the best varieties I have ever seen." **A. GALBRAITH, Supt. for J. P. Morgan, Esq.**
Seabright, N. J., Nov. 24, 1903. "I consider 'Princeps' by far the best Gladiolus yet produced. The blooms surpassed everything in our collection. I planted them late and they were a grand show up till October. I intend to grow a larger quantity next year." **JAMES DOWLEN, Head Gardener for H. L. Terrell, Esq.**

SANTA ROSA, CALIF., Aug. 11, 1902.—"Princeps" Gladioli have now been in bloom for two weeks. They are by all means the most magnificent of any Gladiolus I have ever seen. I measured some of the blossoms and find the individual blossoms five by five and a half inches in diameter. The flowers are most brilliant, resembling in form, color, and almost in size some of the newest Hippeastrums. Every flower lover in the world, in fact, all mankind, owe you a debt of gratitude for this magnificent production. I have placed them out in the open field in the bright sunshine and they have stood the test of our bright sun most admirably.

"It is the finest Gladiolus ever raised."—**MAX LEICHTLIN, 1899.**

LUTHER BURBANK.

PRINCEPS has received an Award of Merit and Diploma of Honor at American Institute fair, New York, 1901 and 1902, and Award of Merit, Royal Horticultural Society, London, England, 1901. Each, 50c.; 3 for \$1.25; doz., \$5.00.

GLADIOLUS, "WHITE LADY."

This is the only really pure white, large flowering Gladiolus in existence and also one of the finest varieties we know of. The flowers are of large size with wavy petals, which relieve much of the stiffness so often seen in most sorts. The "White Lady" should not be compared with the variety "Snow White," which usually shows a strong reddish cast and as a matter of fact is not to be classed as a pure white. As a variety to plant for cut flowers, White Lady cannot be surpassed; the flowers have kept in water with us for two weeks after cutting, and we cannot too strongly recommend our customers to try a few bulbs of this splendid variety. Each, 50c.; doz., \$5.00.

GLADIOLUS LILEY.

This is one of the best of the light colored varieties and cannot be too highly recommended. Flowers are of a creamy white, mottled with rosy pink. It is a strong grower and should undoubtedly be in everyone's collection. Each, 12c.; doz., \$1.15.

GLADIOLUS, BEN HUR.

A large compact spike with enormous flowers of a peculiar and almost indescribable color. Light salmon rose, tinged, flaked and mottled with blue. Throat beautifully mottled and spotted. Each, 20c.; doz., \$2.00.

LEMOINE'S HARDY GLADIOLUS.

These have odd and fantastic markings and resemble the fascinating beauty of Orchids. The following varieties comprise a grand combination of colorings.

Marie Lemoine. Pale, creamy color; flushed salmon lilac.

Admiral Pierre. Dark carmine red, clouded with purplish maroon.

La Fayette. Very large, yellowish salmon, crimson blotch.

Obelisk. Rich solferino, deep crimson blotch.

Incendiary. Fiery red, large blotch of crimson red on lower petals.

Price of any of the above five: Each, 10c.; doz., 85c.; 25 for \$1.60.

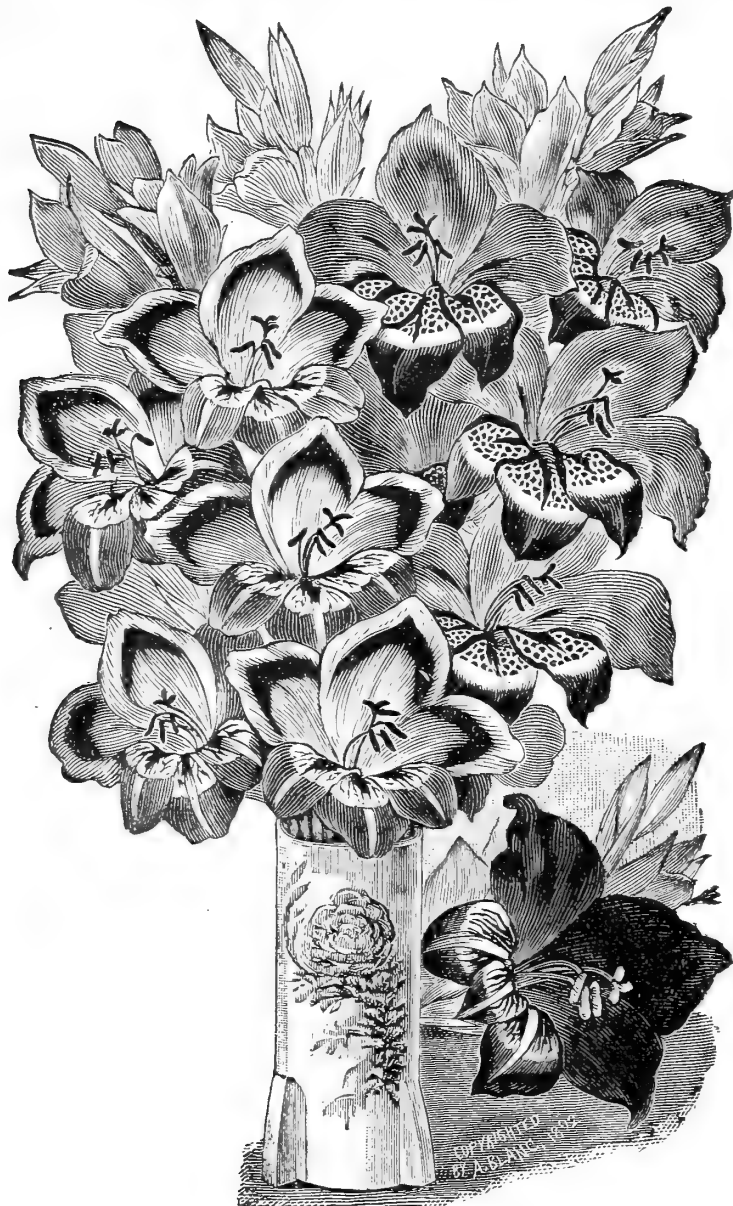
LEMOINE'S FINE MIXED.

First Size Bulbs. Each, 4c.; doz., 40c., postpaid. 50 for \$1.25; 100 for \$2.00, by express at buyer's expense.

Second Size Bulbs. Each, 3c.; doz., 30c., postpaid. 50 for 90c.; 100 for \$1.50, by express at buyer's expense.



GLADIOLUS, "WHITE LADY."



GLADIOLUS CHILDSII.

Gladiolus Mixtures

VAUGHAN'S RAINBOW MIXTURE.

We believe this to be the best mixture of Gladiolus ever offered to the public at a nominal price. We have composed the same from the choice varieties mentioned on preceding page, also including the famous Childsii, Lemoines and Nanceianus sorts. Buyers in want of something "really good" in Gladiolus will make no mistake in securing a quantity of this most superb mixture.

First Size Bulbs. Each, 8c.; 4 for 25c.; doz., 70c., postpaid. 50 for \$2.25; 100 for \$4.00, by express at buyer's expense.

Second Size Bulbs, All Bloomers. Each, 7c.; 4 for 22c.; doz., 60c., postpaid. 50 for \$1.75; 100 for \$3.00, by express at buyer's expense.

EXTRA FINE MIXED. With a view to supplying a high-grade mixture at moderate prices, we have had grown for us by Gladiolus specialists good quantities of some of the choicest named kinds for this mixture, and shall use with them some of Groff's celebrated hybrids, Childs' hybrids and other best mixtures, which will insure a large variety of shades and colors. This is truly a banner strain.

First Size Bulbs. Each, 6c.; 4 for 20c.; doz., 50c., postpaid. 50 for \$1.65; 100 for \$2.85, by express at buyer's expense.

Second Size Bulbs, All Bloomers. Each, 5c.; 4 for 17c.; doz., 45c., postpaid. 50 for \$1.35; 100 for \$2.25, by express at buyer's expense.

GOOD MIXED. This is just what its name indicates, "a good mixture," and is not to be compared with "left overs" usually sold under this name. Especially recommended to those who wish to make a brilliant show in the garden for a small outlay and to supply cut flowers during the summer months.

First Size Bulbs. Each, 4c.; 4 for 15c.; doz., 40c., postpaid. 50 for 90c.; 100 for \$1.50, by express at buyer's expense.

Second Size Bulbs, All Bloomers. Each, 3c.; 4 for 10c.; doz., 25c., postpaid. 50 for 75c.; 100 for \$1.10, by express at buyer's expense.

MIXED. Light and White Varieties Only. **First Size Bulbs,** 4 for 20c.; doz., 50c., postpaid. 50 for \$1.50; 100 for \$2.75, by express at buyer's expense.

GIANT FLOWERED Childsii Gladiolus

These are an entirely new race of Gladiolus and it is difficult to describe flowers of such varied and peculiar beauty. They are much stronger and more vigorous growers than the older sorts and the foliage is dark healthy green. They are tall and erect, often standing four feet high with spikes of bloom 20 inches long. The form of both flower and spike is perfect, and they last in bloom a long time before fading, owing to their great substance and vigor.

Boston. Flaming orange, scarlet, with large white throat.

Columbia. Light orange, scarlet, blotched and penciled with bluish purple; throat freely mottled.

Dr. Sellew. Deep, rich rosy crimson, slightly penciled darker, center of petals and throat rayed white.

Mohonk. A strong rank grower, flowers are of large size and great substance. Deep dark pink with spotted throat, shaded orange and flaked maroon.

Mottled Gem. Large spreading flower, showing an unusually large throat beautifully mottled white, violet and scarlet. Each, 10c.; doz., 95c.

Falconer's Favorite. Very strong, rank grower, enormous spike; flower large deep ruby brilliant red, with white band on petals. Each, 25c.; doz. \$2.75.

Governor McCormick. Extra large flower and truss. Beautiful rose, mottled with silvery gray and violet and white mottled throat. Very fine, being of unusual beauty and oddity. Each, 6c.; doz., 60c.

CHILDSII FINE MIXED. This mixture includes all of the above and many other splendid Childsii varieties.

First Size Bulbs. Each, 6c.; 4 for 20c.; doz., 50c., postpaid. 50 for \$1.75; 100 for \$3.25, by express at buyer's expense.

Second Size Bulbs. Each, 5c.; doz., 40c., postpaid. 50 for \$1.50; 100 for \$2.60.

A SELECT ASSORTMENT OF NAMED GLADIOLUS.

The following varieties are selected from a long list of named Gladiolus as being the finest large flowering sorts, all worthless kinds being discarded.

Ajax. Beautiful striped. Each, 7c.; doz., 60c.

Angele. Snow white blotched pink. Each, 12c.; doz., \$1.15.

Augusta. Lovely pure white with blue anthers. Each, 7c.; doz., 75c.

Baroness Burdett Coutts. Lilac tinged rose, flamed rosy purple. Each, 20c.; doz., \$2.25.

Brenchleyensis. Intense fiery scarlet. Very showy. Each, 3c.; doz., 25c.

Canary Bird. Clear canary yellow. Choice. Each, 15c.; doz., \$1.25.

Ceres. Pure white, spotted purplish rose. Each, 4c.; doz., 30c.

Conquete. Cherry red, blotched white, striped rose. Each, 7c.; doz., 65c.

Diamant. Fleshy white, throat ivory white, blotched carmine. 7c.; doz., 65c.

Emma Thursby. Striped carmine on white ground. Each, 10c.; doz., \$1.00.

Eugene Scribe. Tender rose, blazed carmine red. Each, 8c.; doz., 75c.

Glory of Brightwood. Scarlet with lemon throat. Each, 20c.; doz., \$2.25.

Grand Rouge. Flaming scarlet, choicest red sort. Each, 7c.; doz., 65c.

Horace Vernet. Large purple red, white blotched. Each, 10c.; doz., 85c.

Isaac Buchanan. Fine clear yellow, large spike. Each, 5c.; doz., 50c.

John Bull. White, tinged yellow, marked violet rose. Each, 4c.; doz., 35c.

Lamarek (De). Cherry, lightly tinged orange, blazed red. Each, 7c.; doz., 60c.

Madam Moneret. Delicate rose color. Each, 4c.; doz., 35c.

Martha Washington. Light yellow, lower petals tinged. Each, 7c.; doz., 75c.

May. Pure white, flaked rosy crimson. Each, 5c.; doz., 50c.

Mr. Bains. Light red, extremely showy. Each, 7c.; doz., 75c.

Napoleon III. Bright scarlet, white line on each petal. Each, 5c.; doz., 40c.

Octoroon. Clear salmon pink, large flowers. Each, 12c.; doz., \$1.15.

Penelope. Blush white, tinted yellow, streaked carmine. Each, 7c.; doz., 75c.

Pepita. Bright yellow, slightly striped carmine. Each, 12c.; doz., \$1.15.

Phebus. Brilliant red, large white blotch. Each, 10c.; doz., \$1.00.

Reine Blanche. Pure white, dark carmine blotch. Each, 7c.; doz., 65c.

Richard Cœur de Lion. Crimson red, flamed garnet, blotched yellow. Each, 10c.; doz., \$1.00.

Shakespeare. Pure white blotched and flaked pink and violet. Each, 9c.; doz., 85c.

Snow White. A good pure white variety slightly tinted. Each, 15c.; doz., \$1.50.

Sylphide. Pure white, flamed carmine, extra large. Each, 10c.; doz., \$1.00.

GLADIOLUS IN COLORS.

All large flowering bulbs. In these shades will be found flowers equal to the finest named kinds.

	Each	Doz.	Per 50	Per 100
Red and Scarlet Shades.	\$0.04	\$0.35	\$0.85	\$1.50
Scarlet, White Throat.	.05	.40	1.10	2.00
Pink Shades.	.05	.40	1.10	2.00
Yellow Shades.	.06	.50	2.00	3.50
Striped Shades.	.06	.50	2.00	3.50

Vaughan's "Border" Collection GLADIOLUS.

We have selected the six following varieties from the general assortment of named Gladiolus listed above, as being the cream, and especially suitable for planting in a border where they will make a splendid show:

Augusta. Lovely white, blue anthers.

Brenchleyensis. Intense fiery scarlet.

Ceres. Pure white, spotted purplish rose.

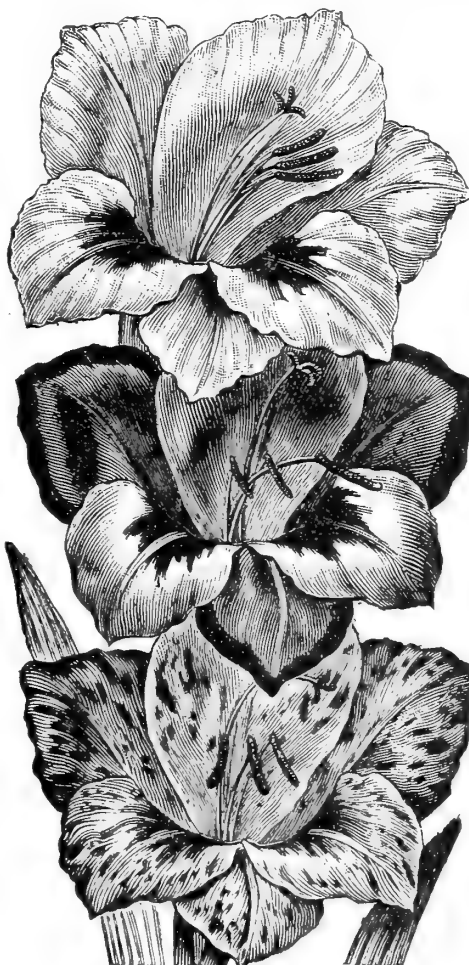
May. Pure white, flaked rosy crimson.

Isaac Buchanan. Fine clear yellow, large spike.

Madam Moneret. Delicate rose color.

All Strictly First Size Bulbs.

6 Bulbs, one of each variety, for	20c., postpaid.
24 " four "	75c.,
48 " eight of each variety for	\$1.35, By express
96 " sixteen, "	2.50 } at buyer's expense.



TYPES OF BORDER COLLECTION.

Summer Flowering Bulbs

GLOXINIAS. New Giant Flowering Hybrids. Beautiful house plants of dwarf habit and easy culture. Flowers are trumpet-shaped, with beautiful markings, shaded violet, rose, blue or crimson. One bulb planted in a 5-inch pot will make a magnificent show, and if planted at intervals will give a continuous bloom for a long period.

Emperor Frederick. Red, with a pure white border.

Mont Blanc. Pure white. **Defiance.**—Rich crimson-scarlet.

Emperor William. Violet-blue, with white throat tinged and spotted; beautifully streaked and spotted. Each, 15c.; 3 for 40c.; doz., \$1.50, postpaid. **Mixed Colors.**—Each, 10c.; 3 for 25c.

HYACINTHUS CANDICANS. It can be used with excellent effect in the center of a bed of scarlet Gladiolus, as it comes into bloom about the same time. The flowers are bell-shaped and pendulous, pure white in color and somewhat fragrant. The plant is hardy and grows stronger each year. Very useful along walls, fences and in beds. Each, 6c.; 3 for 15c.; doz., 60c., postpaid.

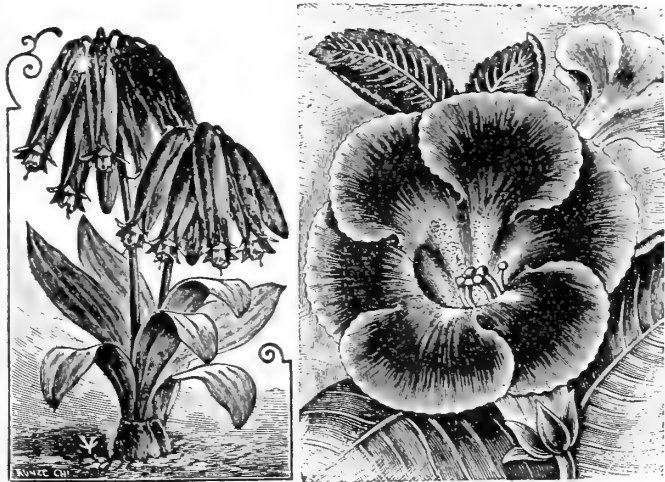
IPOMŒA PANDURATA, or Day-Blooming Moon Flower.

This is perfectly hardy and increases in size each season. It sometimes happens that blind tubers of the above are supplied by dealers. These, of course, fail to grow. We get our stock direct from the collectors and take great care to send out only sure-growing tubers, that will grow and thrive in any soil, producing luxuriant, compact foliage and quantities of beautiful white flowers with a purple throat. 1st size roots postpaid, 15c.; doz., \$1.50. Extra size roots, by express at purchaser's expense, 25c. each; \$2.50 doz.

ISMENE CALATHINA. The flowers are of very large size like an Amaryllis, novel form and of snowy whiteness, and are also exceedingly fragrant. As a pot plant it is grand, and as a garden bulb treated like a Gladiolus it is one of the choicest of all flowers. Strong flowering bulbs, 20c., each; 3 for 50c.; 7 for \$1.00.

MADEIRA VINE. The Madeira Vine is of rapid growth, with dense and beautiful foliage, twining to great height. It grows anywhere, but does better in a warm, sunny, sheltered location. It is also a very pretty plant for training around the windows in the house. Strong Tubers, each, 5c.; 3 for 10c.; per doz., 30c., postpaid.

MILLA BIFLORA. A pretty free blooming bulb, with flowers of pure waxy white, very fragrant and borne on stems about eighteen inches high. The petals are very thick and firm, and the flowers last a long time in water. Each, 5c.; doz., 50c.; 100 for \$3.50, postpaid.



PHAEDRANASSA CHLORACEA.

GLOXINIA.

MONTBRETIAS. One of the brightest and best of Summer flowering bulbs, and one which will be more generally used when its merits become more fully known. Plant in clumps of six or twelve bulbs in May or June. They greatly resemble the Gladioli in growth and produce beautiful spikes of star shaped flowers in various shades of orange yellow and red. Mixed varieties, 3 for 10c.; per doz., 30c.; 100 for \$2.00, postpaid.

SUMMER FLOWERING OXALIS. These useful little plants are very effective in masses or beds and are particularly valuable for edgings. They produce an unbroken row of foliage and showy flowers. Pure white, pink or red. Either color, per doz., 10c.; 35 for 25c.; 100 for 50c., postpaid.

PHAEDRANASSA CHLORACEA. The flowers are borne in pendulous clusters, and an odd mingling of colors, green, orange, scarlet, etc. Always admired, for it is a very odd and exceedingly interesting plant. The clusters of fine, drooping blossoms are entirely unlike any other species of Amaryllis. Each, 15c.; 3 for 40c.; doz., \$1.25.

CHICKASAW CO., I. T.—The Caladium Bulbs you sent last year were huge and a tropical delight. The leaves stood above my head and leaves were more than four feet across. This year they will be all around a fountain. One bulb has grown, now weighs 14½ lbs. I'm very proud of these plants. MRS. KIRBY PURDOM.



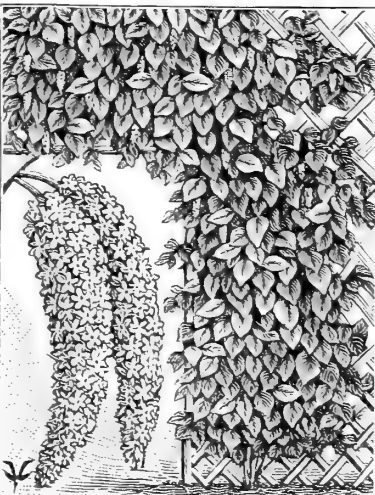
TUBEROSES—EXCELSIOR PEARL.

Ipomœa Mexicana, or Century Vine.

This is without question the easiest grown and most free flowering of all the Ipomœas, produces large size blossoms of rosy color, shaded violet or blue, and if planted in a shaded situation the flowers remain open all day. It is a wonderful quick grower, quite frequently making as much as thirty-five feet of vine in one season. The root increases as freely as does the Irish potato and in a short time you will have a plentiful number of them. Not altogether hardy, but the root can be taken up in the Fall and preserved over Winter like a Dahlia.

1st size roots, each, 30c.; 3 for 80c., postpaid.

SPECIAL OFFER. One each, Ipomœa Mexicana and Pandurata, postpaid, for 40c.



MADEIRA VINE.

Tuberose

Handling as we do nearly a million of these each season, mainly for our wholesale and export buyers, enables us to select the choicest Bulbs which the market produces for our Catalogue trade. Our "Mammoth Excelsior Dwarf Pearl" is a special selection made for many years of the most Dwarf, double, and full flowered spikes and is exceptionally sturdy and dwarf in habit. This "Mammoth strain" is positively the highest type of the Tuberose. The kind to grow if you desire "prize" blooms.

"Mammoth Excelsior Dwarf Pearl." Especially selected for our retail trade, by mail, each, 7c.; 4 for 25c.; per doz., 60c.; by express at purchaser's expense, each, 5c.; doz., 50c.; per 100, \$3.00. We supply 25 and over at the 100 rate.

First Size Bulbs. By mail, 3 for 12c.; per doz., 40c.; by express at purchaser's expense, 3 for 10c.; doz., 35c.; per 100, \$2.00.

Second Size Bulbs. All flowering, often sold by so-called "Bargain Stores" under the name "first-class," 6 for 15c.; doz., 25c., postpaid; by express at purchaser's expense, 6 for 12c.; doz., 20c.; per 100, \$1.00.

Tall Double. Flower spikes 3½ to 5 feet high; fine open flowers, free blooming. **First Size.**—Postpaid, 3 for 12c.; doz., 40c.; not prepaid, per doz., 35c.; per 100, \$2.00. **Second Size.**—6 for 15c.; doz., 25c.; not prepaid, doz., 20c.; per 100, \$1.35.

Silver Leaved. This is an early single kind, with striped leaves, making a grand show on account of its striking foliage. Each, 5c.; doz., 50c., postpaid.

Single. Sometimes called Orange-Flowered. Blooms very early and are exceedingly graceful and pretty. Each, 4c.; 3 for 10c.; per doz., 35c.

Albino. New branching single variety, blooming much earlier than old single variety, fine for cut flowers. Each, 5c.; per doz., 40c.

Armstrong's Ever-Blooming Tuberose.

This variety blooms year after year and produces single pure white flowers of a fragrance similar to that of the "Jasmine." It makes a splendid cut flower and should be in everyone's garden. We have had great difficulty each year in procuring enough bulbs to keep pace with the demand for this variety. Each, 10c.; 3 for 25c.; doz., 85c., postpaid.

Tigridias. (Peacock or Shell Flower.) Extremely handsome summer-flowering bulbs, growing about 2 feet high, producing large, gorgeous flowers, exquisitely spotted; they flower very freely throughout the Summer.

Conchiflora. Rich yellow, spotted red.

Speciosa. Scarlet.

Grandiflora Alba. White, with red spots.

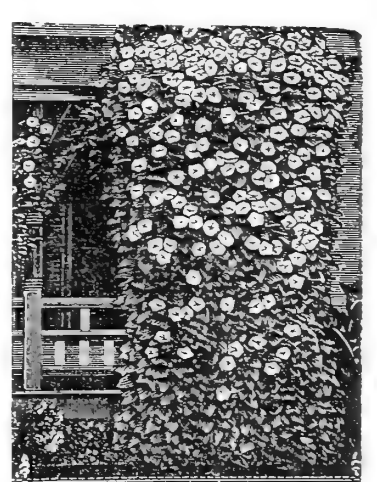
Canariensis. Yellow, spotted scarlet.

Price of any of above, each, 6c.; doz., 65c.; 100 for \$5.00, postpaid.

Tigridias, mixed colors, each, 5c.; doz., 50c.; 100 for \$4.00, postpaid.



HYACINTHUS CANDICANS



IPOMŒA MEXICANA.

ZEPHYRANTHUS. Although some of these varieties are old, they are not generally known or seen in cultivation. When once tried they will always be grown, as they are among the prettiest and easiest grown flowers there are. For pot culture plant three or four in a five or six inch pot and they will bloom beautifully. For the garden plant in Spring and lift in Fall like Gladiolus.

Rosea. Beautiful clear rose; flowers large and very handsome; blooms all summer. Each, 5c.; doz., 50c., postpaid.

Floribunda. A new sort, it bears its flowers usually in pairs, two on a stem. It is very beautiful, being of a rich golden yellow, and exceedingly sweet scented, its perfume being unlike any other flower we have ever seen. 3 for 12c.; doz., 40c., postpaid.

Candida. Pure white and the most profuse bloomer of all. 3 for 10c.; doz., 35c.; 100, \$2.00, postpaid.

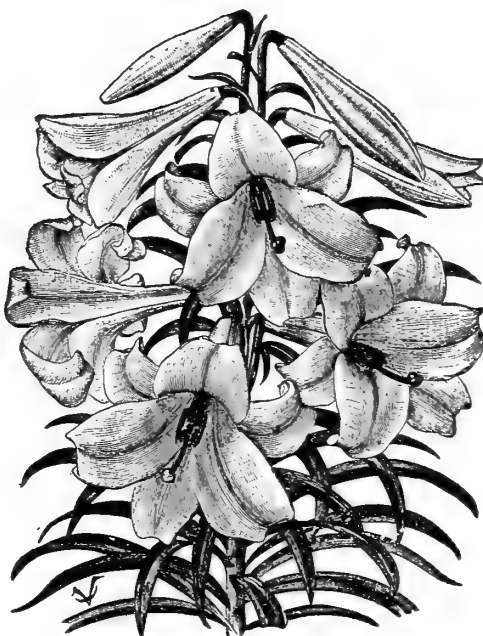
SPECIAL OFFER

We will mail postpaid for 75 cents, the following Summer flowering bulbs, namely

3 GLOXINIAS,	3 TUBEROSES EXCELSIOR PEARL.
3 HYACINTHUS CANDICANS,	1st size,
6 OXALIS,	3 MONTBRETIAS,
3 ZEPHYRANTHUS CANDIDA.	3 MILLA BIFLORA,



LILIAM AURATUM.



BERMUDA EASTER LILY.



LILIAM SPECIOSUM RUBRUM.

All Prices are Postpaid unless otherwise mentioned.

CHOICEST HARDY LILIES

The Recollection of Quality Remains Long After Price is Forgotten.

ALL STRICTLY FIRST SIZE. Especially adapted to planting in borders, between shrubs, etc. The best collection of sure blooming Lilies ever offered. Because of the great popularity of this most beautiful of all bulbous plants, hundreds of kinds have been offered to the public in small and inferior bulbs, such as have shriveled and died before attempting to start into life, all of which has discouraged the many friends of this flower divine. Experience has taught us something about Lilies during the last sixteen years, and with each new Gardening Annual we prune our list, rejecting every variety which has not the size, substance or lasting qualities necessary to a strong plant. Bulbs chosen from this list will produce a Lily Bed which will not be a disappointment.

AURATUM, Gold Banded.

Justly famous as the most beautiful and fragrant of all Lilies; flowers white, dotted crimson, with a clear, broad, golden band running through the center of each petal. First size bulbs, each, 20c.; 3 for 50c.; dozen, \$1.90; by express at purchaser's expense, 25 for \$2.75. Mammoth size bulbs, each, 35c.; 3 for \$1.00; dozen, \$3.50; by express at purchaser's expense, 25 for \$6.00.

BROWNII.

One of the most handsome Lilies, large trumpet shaped flowers, usually 10 to 12 in. in length. Chocolate purple outside, pure white inside; stamens a rich chocolate brown. Each, 40c.; doz., \$4.00.

CANADENSE, Meadow Lily.

This pretty Lily is one of our hardy native sorts, and bears a graceful stem of drooping bell-shaped yellow and red flowers. Extra sized bulbs, each, 10c.; doz., \$1.00.

ELEGANS BICOLOR.

Perfectly hardy and will succeed in most any situation. Flowers large and showy; bright red, flushed orange. Each, 10c.; 3 for 25c.; doz., \$1.00.

EXCELSUM.

A handsome sort, grows 4 to 6 feet high, producing delicate, buff-colored flowers of delightful fragrance. Blooms in June and July. Each, 40c.; per dozen, \$4.00.

HENRYI.

A new and exceedingly rare variety. Tall, strong grower, producing flowers in great profusion of a fine apricot-yellow color. It might be called the Yellow Speciosum. Each, 75c.; 3 for \$2.10.; Doz. \$7.25.

LONGIFLORUM.—OR BERMUDA EASTER LILY.

Bears clusters of beautiful snow-white trumpet-shaped flowers of rare fragrance; should be in every garden. Extra size bulbs, each, 20c.; doz.; \$2.25.

LILY-OF-THE-VALLEY.

Fragrant and Lasting. The rival and fit companion of the violet, there is no flower more lovely than this.

Large Flowering German Pips. 6 for 15c.; 12 for 25c., postpaid; by express at buyer's expense, 25 for 40c.; 100 for \$1.50.

Large Imported Clumps. For outdoor planting we recommend the use of clumps. These should be planted in a shady, moist situation, and being one of the hardiest of flowers they require little or no protection. A corner filled with these plants, mingled with hardy ferns, and allowed their own way for several years, becomes a spot of beauty. 25c. each; \$2.50 per doz.; \$18.00 per 100, by express or freight at buyer's expense. If wanted by mail, add 10c. each for postage.

PARDALINUM.

Leopard Lily. Rich scarlet and yellow flowers, spotted with rich brown. Robust and free flowering. A superb Lily; gives greatest possible satisfaction; succeeds in all situations. Each, 12c.; 3 for 30c.; dozen, \$1.20.



LILIAM UMBELLATUM.



LILIAM TENUIFOLIUM.

SPECIOSUM LILIES.

The Speciosums are the hardiest most robust and free-flowering of all Lilies, not omitting the old Tiger Lily, while in beauty they are second to none. The magnificence of their blossoms cannot be described.

SPECIOSUM ALBUM.

Pure white with beautiful recurved petals, very fragrant. This, with Rubrum and Melpomene, belong to the "Speciosum Section." First size bulbs, each, 20c.; 3 for 50c.; doz., \$1.90; by express at purchaser's expense, 25 for \$2.75. Mammoth size bulbs, each, 40c.; 3 for \$1.10; dozen, \$4.00; by express at purchaser's expense, 25 for \$6.00.

SPECIOSUM MELPOMENE.

A most beautiful variety. Flowers frosted white, spotted, clouded and bearded with pinkish crimson. Petals deeply recurved and widely bordered. First size bulbs, each, 15c.; 3 for 40c.; dozen, \$1.50. Extra size bulbs, each, 20c.; 3 for 55c.; dozen, \$2.00.

SPECIOSUM RUBRUM—Crimson Banded.

Flowers are white, with a deep rosy or crimson band on each petal, with deeper colored spots between. They are five to six in. in diameter, very fragrant, and have all the hardiness of the Speciosum class. First size bulbs, each, 20c.; 3 for 50c.; dozen, \$1.75; by express at purchaser's expense, 25 for \$2.75. Mammoth size bulbs, each, 40c.; 3 for \$1.10; dozen, \$4.00; by express at purchaser's expense, 25 for \$6.00.

SUPERBUM.

The finest of the native Lilies. Flowers bright orange red, thickly spotted with purple. Remarkable for immense height (often 8 ft.) and profusion of bloom; a strong plant, bearing from 20 to 30 flowers. Extra sized bulbs. Each, 10c.; dozen, \$1.00.

TENUIFOLIUM.

Siberian Lily. A native of Siberia. One of the very hardiest Lilies; flowers vivid scarlet, with petals reflexed; very showy and free flowering, blooming early in the Spring. It is very easy of cultivation, requiring only a well-drained sandy soil. Each, 15c.; doz., \$1.50.

TIGRINUM.

Single Tiger Lily. Very hardy native Lily; orange-red, spotted with purple black. Is very pretty and bears 8 to 20 flowers when well established. Each, 10c.; dozen, \$1.00.

TIGRINUM SPLENDENS.

The best of all the Tiger Lilies. Bears large pyramid of flowers, orange red, spotted with black. Each, 12c.; doz., \$1.25.

TIGRINUM FLORE PLENO.

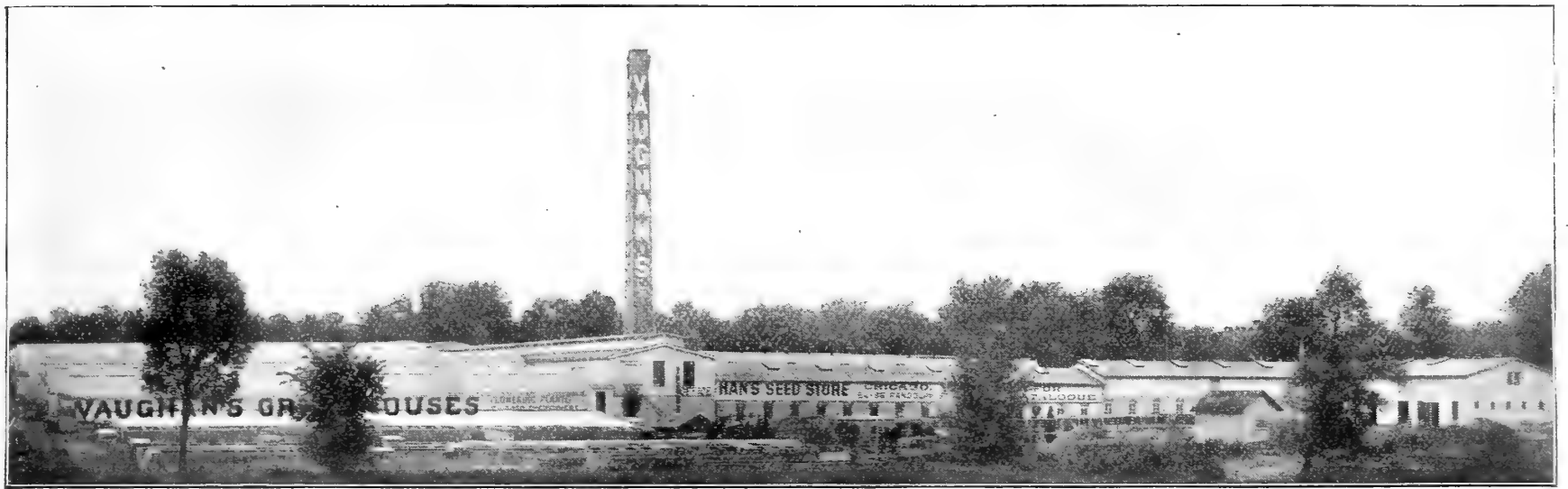
The well-known double "Tiger Lily" grows from 4 to 6 feet high and bears an immense number of bright orange flowers. Each, 12c.; doz., \$1.25.

UMBELLATUM.

A splendid, hardy Lily, and should be found in every garden. Colors range from deepest red through all shades of crimson, rose, yellow, buff, apricot, etc.; blooms about June 20. Each, 15c.; per doz., \$1.50.

WALLACEI.

Flower rich vermillion orange, spotted with maroon dots; Autumn flowering. Each, 8c.; doz., 75c.



Greenhouse and Hardy Plants

THE PAGES following show the wide range of plants which we grow at Western Springs. During the year past we have largely increased our out-door grounds actually in cultivation, and have added a nursery which is being rapidly planted. Of greenhouse grown plants of special interest we carry most complete stocks of Cannas and Geraniums, in sizes for immediate effect. The list will be found to contain the best bedding plants for all home grounds.

Many of our customers ask for first sized plants for immediate effect and these we are well provided with. Those of our friends who live at a greater distance and desire smaller or mailing sizes of many kinds, will find such offered separate from the larger ones.

Our Premium Offer on Bulbs and Plants

We will allow our customers who remit with their orders from this catalogue **A DISCOUNT OF 10 PER CENT** to be added to the aggregate amount of the order for Plants and Bulbs. For instance:

A \$1.00 remittance is entitled to	10 per cent premium (10c), thus permitting a selection to value	\$1.10
A 2.50 " " " 10 " " (25c), " " "		2.75
A 5.00 " " " 10 " " (50c), " " "		5.50
A 10.00 " " " 10 " " (\$1.00), " " "		11.00

It must be expressly understood, however, that premiums must be selected **at the time of ordering**, and also that premiums can only be allowed on the above-mentioned articles viz: **Bulbs and Plants**.

NOTICE.—The premium rates apply **only to Plants and Bulbs** at price per single plant. Do not apply to collections, special offers, prices by dozen, fifty or one hundred rates, or to Fruit Trees, Ornamental Trees and Shrubs, or Small Fruits. For seed premium rates see first inside cover page.



6 Surprise Collections of Choice Greenhouse Plants

All orders for these Surprise Collections will be acknowledged and entered on our books as received. We shall commence sending out the same by **MAY 20th** and all will be sent within two or three days from date. We can not send them out before the mentioned date. We can not permit any changes in the composition of these collections nor in the time of delivery.

SURPRISE "CANNA" COLLECTION

This Collection Contains 8 Different Varieties of the New Ever-Blooming Cannas
FOR 50c, PREPAID

Includes crimson, scarlet, yellow spotted, gilt edged, orange, bronzed-leaved, eight of the best large-flowering new kinds, from our famous World's Fair Collection, one of the best in America.

SURPRISE "DAHLIA" COLLECTION 10 FOR 50c, PREPAID

We will include in this collection ten Dahlias, selected from our grand collections of varieties. All different.

SURPRISE "ROSE" COLLECTION

This Collection Contains 10 Beautiful Ever-Blooming Roses
FOR 50c, PREPAID

The varieties are all different colors and shades, such as are especially suited to constant flowering all Summer—only clean, healthy plants will be sent—if purchased singly these kinds would cost double.

SURPRISE "CARNATION" COLLECTION 10 Grand Carnations, all Different Shades and Colors FOR 50c, PREPAID

All of the best sorts, including some varieties from our Columbian set.

SURPRISE "GERANIUM" COLLECTION

10 Beautiful Geraniums
FOR 50c, PREPAID

In this collection of this old-time favorite, now again so much in demand, we include new and choice sorts, with heads nearly as large as a Hydrangea. All colors, single, double and scented—all different.

SURPRISE "Chrysanthemum" Collection 10 Chrysanthemums, all Different and Distinct Sorts FOR 50c, PREPAID

This collection will be made up of the best sorts, only such as are listed elsewhere in this book.

Six Beautiful Collections for \$2.50, by Express. Any Four Collections for \$1.75, Prepaid; by Express, \$1.50

**Acalypha Bicolor Compacta**

Acalypha

Bicolor Compacta. The leaves are a bright green, margined with a wide, irregular band of lemon yellow, and having wide yellow bars running lengthwise of the leaf, and also thickly dotted with yellow blotches. This is a first-class plant for greenhouse decoration; it will stand bedding-out like a Coleus, in fact, in the sunniest places it produces the highest coloring. Growth is compact, with free branching habit. Won Gold Medal at Kansas City Flower Show for the best new plant of its kind.

Price, first size, each, 15c.; 12 for \$1.50; 100 for \$10.00. Second size, each, 25c.; 12 for \$2.50; 100 for \$15.00.

Godseffiana. Beautiful foliage, bright, glossy green, with a broad margin of yellow, bushy, low grower, fine for tropical edging. A good house plant.

Price, each, 25c.; 6 for \$1.00. Large size, each 50c.; 12 for \$5.00.

Tricolor. Ground color coppery green, curiously mottled and blotched with red and crimson; leaf a fine pointed shape.

Each, 15c.; doz., \$1.00. The set of three for 50c.

Abutilon

FLOWERING MAPLES.

Boule de Neige. White flowers. Plant dwarf. Blooms very freely.

Each, 15c.; 2 for 25c.

McKinley. Plants dwarf and short jointed, producing exquisite large-cupped blossoms by the score all summer. Color, a beautiful, clear, lemon yellow. Each, 15c.; 12 for \$1.50.

Mrs. John Laing. Flower pinkish rose, showy. Each, 15c.; 2 for 25c.; doz., \$1.00.

Savitsi. This is one of the most beautiful variegated foliage plants, both for the house and outdoors. It somewhat resembles SOUVENIR DE BONN, but is superior to this, the variegation being pure white, the white predominating, and in some cases a great many leaves are entirely white. It is of dwarf, compact growth and thrives well outdoors, retaining its variegation in the hottest sun. It is most admirably adapted as a border for Cannas, Geraniums, and other taller-growing plants.

Each, 15c.; 5 for 60c., postpaid. The set of four Abutilons for 50c.

Ageratum

Stella Gurney. The most beautiful of all Ageratums, of dwarf, bushy habit, never attaining over 6 to 8 in. in height. It is extremely free blooming, the individual tufts are very large and dense; the color is an intense blue, the most beautiful ever seen in Ageratums.

Princess Pauline. A most distinct and novel variety of dwarf habit, its peculiarity being that both colors, light blue and white, are combined in the same flower.

Louis Bonnett. Of dwarf, compact growth, covered the entire summer with pure, white flowers.

Price, for any one, each, 10c.; 12 for \$1.00; 100 for \$5.00, by express. The set of three Ageratums for 25c.

Aspidistra

(*Variegata*)

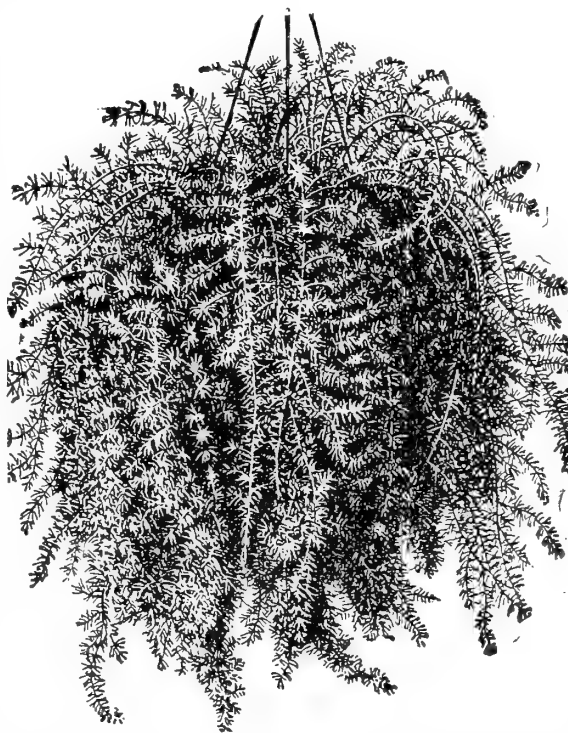
As popular as a palm for house decoration. The leaves are 10 to 18 in. long, beautifully splashed and striped cream white. One of the few plants that seem to thrive in the hot air of the living room. Each, 25c.; large plants, each, 75c. and \$1.00, by express.

**Asparagus Plumosus Nanus**

Asparagus or Lace Fern

(*Asparagus Plumosus Nanus*)

A beautiful plant, with bright, green, gracefully-arched foliage, surpassing Maidenhair Ferns in grace, delicacy of texture and richness of color. The fronds are 12 to 15 in. in length and taper to a point from a width of 12 in. One of the most beautiful decorative plants. Each, 15c.; 4 for 50c.; 12 for \$1.20, postpaid. Larger plants, each, 25c., 50c., 75c. and \$1.00, by express.



Ornamental Asparagus

(*Asparagus Springeri*)

Perhaps the best-known plant introduced in years. Especially useful to grow as a pot plant for decorative purposes or for planting in ferneries or suspended baskets. It grows free the whole year round. As it withstands dry atmosphere it makes an excellent houseplant. A vigorous grower, producing sprays 4 to 5 feet long of fresh, green, feathery foliage. Strong plants, 15c.; 4 for 50c.; 12 for \$1.20. Large, bushy plants, 25c. and 50c. each. Hanging baskets, 6 in. in diameter, with sprays 10 to 15 in. long; each, \$1.00, by express.

Asparagus Tenuissimus

Very fine, filmy foliage. A handsome climbing plant for the window or pots. Each, 15c.; 12 for \$1.00. One of each of the three Asparagus for 40c.; 12 for \$1.00, postpaid.

BROWALLIA (or Streptosolen) **Jamesoni.** The Orange Browallia. Has small, furrowed, oval, dark green leaves and small salver-shaped bronze yellow flowers which are produced freely in terminal clusters. It is of shrubby drooping habit and stands sun and exposure well, making it very suitable for hanging baskets and window boxes. Each, 15c.; doz., \$1.50. One each of these Browallias for 25c.

RADCLIFFE, IOWA.

May 16, 1903.

I have just unpacked the plants you sent me by express, and I thank you very much for the care with which you have executed my order. The plants are fine and came in perfect order. I am also very much pleased with the extras you have sent me. I am so well pleased with what I received from you this year that for next season you shall have my entire order, and I shall try to have my friends' orders turned your way.

MRS. WM. SCHLEEKER.

**Begonia Thurstoni**

Begonias

FLOWERING VARIETIES

Price, except noted, each, 10c. The 5 for 50c., postpaid.

Thurstoni. A beautiful, stately plant, with remarkably handsome foliage. Flowers, rosy-white, in large clusters.

Manicata Aurea. Heavy, waxy leaves, blotched and marbled with a rich, golden cream, with a clear, pink etching. Each, 20c.

Erfordia. It is continually covered with clusters of rosy-salmon flowers. An excellent variety for bedding.

Rubra. One of the finest shrubby Begonias in cultivation; has dark, glossy, green leaves; scarlet flowers produced in abundance; stout, upright habit.

M. De Lesseps. Purplish bronze leaves with silver dots all over the surface. A grand pot plant with exceedingly handsome sprays of pinkish flowers.

**Louise Closson**

Begonias

REX VARIETIES

Price, each, 15c.; the 5 for 60c., postpaid.

Bertha McGregor. Leaf long, pointed, with deep notches; the body of the leaf being solid silver, outlined with bronze.

Louise Closson. One of the richest and most beautiful of the Rex family. The coloring is simply magnificent, center of leaf deep bronze, with a broad band of silvery rose, edged bronze and spotted rose.

Mme. Le Boucq. A very distinct variety, having the entire leaf of soft, rose mauve color, with a very high silky texture.

Magnifica. One of the finest and largest leaved of the Rex family. The leaf is silvery with beautiful markings; no pen description can do it justice.

Beauty of Richmond. A very fine variety, having large, dark, bronze-colored leaves.

Browallia

(*Speciosa Major*)

The Giant Violet. This is a most charming plant both for the window garden and the flower bed; makes nice, bushy, little plants, 8 to 10 in. high, and blooms all the time. The flowers are large, fully 2 in. across and lovely deep violet blue. We recommend it as sure to please, both for summer and winter bloom. Very sweet and handsome.

Each, 15c.; doz., \$1.50.



PRESIDENT McKINLEY.

The new dark-pink leader. The flower is well built and the petals perfect. The color is deeper and brighter than Lawson. It is free and early.

Carnations

VAUGHAN'S
NOVELTY SET

The new carnations are the most popular, beautiful and durable cut flowers for personal wear and for decorations. The mammoth new ones are giant in size, some 3½ inches across. Beautiful in coloring, perfect in form and shape of flower. Strong stems, free blooming and fragrant; useful for every occasion. The best carnations rival the best new roses in popularity.

Price, each, 20c.; any 6 for \$1.00; 12 for \$1.50, by express.

SPECIAL OFFER. One each of the six Novelty Carnations for only 75c., postpaid.

ADONIS.

In color it is a brilliant scarlet, the finest, brightest of this shade yet produced. It is of extra large size, full, and of perfect shape.

GOV. WOLCOTT.

"The coming standard white Carnation." Pure white blossoms of fine form and substance with a uniform average of 3 inches in diameter, on long, wiry stems, 2 to 3 feet in length. The habit of the plant is ideal; healthy and vigorous.

ENCHANTRESS.

A phenomenal success. Color, delicate blush pink; deepening towards the center. Size, 3½ inches across. Form and calyx flawless, stem long and stiff. Sure to be a favorite.

HARLOWARDEN.

Color, bright crimson. 3½-inch flowers and four-foot stems. Very free, habit all that could be desired. It has a strong clove fragrance.

MARSHALL FIELD.

The best of all the variegated sorts. Color, pure white striped with vivid red, making a most pleasing effect. It is a very large flower and more free than any of its class.

Vaughan's Columbian Set of Carnations

SIX BEST AND MOST DISTINCT SORTS FOR 1904.

Each, 15 Cents; any 2 for 25 Cents, Postpaid.

MRS. THOS. W. LAWSON. This is without a doubt the largest Pink Carnation at the present time. The flowers measure over 3½ inches in diameter. The color is a beautiful deep pink. The originator of this grand carnation was paid \$30,000 for the original stock, the highest price ever paid for a plant novelty in this country.

GOVERNOR ROOSEVELT. A brilliant scarlet, heavily shaded with maroon; flowers, 3 to 3½ inches in diameter. A vigorous, healthy grower, the stems reaching 2½ to 3 feet and holding the flowers very erect.

NORWAY. We believe this to be the very best White Carnation for all purposes. It is a strong grower and free bloomer, coming into flower early. In color it is purest white, 2½ to 3 inches in diameter; delightfully fragrant.

Or One Each of the Following Six Splendid Sorts for 50 Cents, Postpaid.

ESTELLA. The ideal Scarlet Carnation, for it blooms freely, producing an abundance of bright scarlet flowers. Very strong clove fragrance; form excellent; stem strong and stiff; flowers 3 to 3½ inches in diameter.

THE MARQUIS. The color is a true pink with no trace of magenta or purple; an exquisite shade, soft, yet rich, that is equally beautiful by artificial or day light. Very fragrant. In size 3 to 3½ inches in diameter.

PROSPERITY. This is unquestionably the largest carnation of any color ever before offered, the flowers measuring 4 inches in diameter. The flowers are full and double and have a delightful clove fragrance. The color is a pure white ground, overlaid with shadings of soft pink, reminding one of the beautiful tints seen in Azaleas and Rhododendrons.

Six Grand New Coleus

Price, each, 10c.; doz., \$1.00; per 100, \$8.00; the set of six, one of each, 50c.

Dewey. Wide pointed leaves of a deep maroon, with a wedge of bright crimson, making the brightest show bedded out in the hot sun of any variety we know of.

Mrs. F. Sander. A most distinct variety. Large, creamy white center, evenly bordered green, both center and edge beautifully blotched crimson and purple.

Dr. Ross. Enormous leaves like a Rex Begonia, but more exquisitely colored, being a blending of yellow and crimson, pink, green, etc.

Beckwith Gem. A beautiful fancy variety with large leaves. Center of leaves crimson and scarlet; the edges green; very fine.

John Rogers. A fine combination of old gold and pea green; retaining its rich color in the hottest sun.

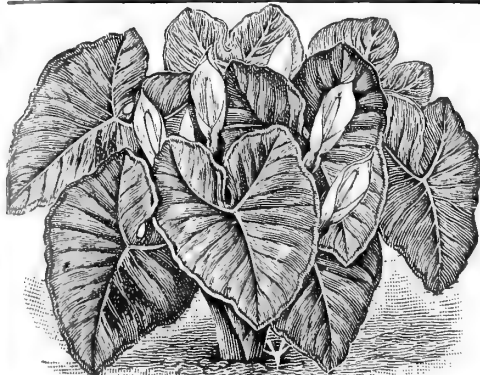
Miltoniana. A grand, dark leaved sort of bushy compact habit; the rich, purplish, velvety crimson leaves making a grand effect when massed.

BEDDING COLEUS IN VARIETY. Per dozen, 75c.; 50 by express, \$2.00; per 100, \$3.75.

Cobæa Scandens

One of the best and most rapid growing annual vines for porches, trellises, etc. One plant will soon cover 40 feet of surface. Each, 15c.; 2 for 25c.; doz., \$1.50. Extra large plants, by express, at buyer's expense, 35c., and 50c.

Umbrella Plant. (*Cyperus Allernifolius*) As decorative as a palm; thrives excellently in soil or water. Hardy; useful and beautiful window plant for all seasons. Each, 15c.; extra size, 30c.



GIANT FLOWERING CALADIUM.

NEW GIANT FLOWERING CALADIUM

In general appearance this plant somewhat resembles the common Caladium (*C. Esculentum*), but is entirely distinct, being much larger and grander, and vastly superior in every way. The flower resembles a giant Calla and remains open three days and nights; first two days it is of the purest snow-white, the third day it changes to a pale yellow. It is of the easiest culture, enduring adverse conditions well, and the leaves attain a great size even in small pots. Give it rich soil, the richer the better, and plenty of water. The plant can be taken up in the Fall and wintered in the house or cellar.

PRICE—Strong, well-rooted plants: First size, each, 20c.; 3 for 50c.; 12 for \$1.75. Large plants from 4-inch pots, each, 50c.; 3 for \$1.25; 12 for \$4.00, by express. Mammoth size, 7-inch pots, each, \$2.00; 6 for \$10.00.

CALLAS

True Little Gem, or Miniature. The plant is a miniature form of the old-fashioned Calla. A full-grown specimen stands only eight or ten inches high, and is rarely without flowers. 15c.; 2 for 25c.

Spotted Leaf Calla. Green foliage marked and dotted with numerous white spots. The flowers are pure white, with dark throat. Makes an exceedingly valuable decorative plant bedded out in the Summer. Each, 15c.; 2 for 25c.

Aethiopica. The well-known white Calla Lily. Each, 15c.

VAUGHAN'S CALLA COLLECTION. One each of above, 40c., postpaid.

Fancy Variegated-Leaved Caladiums

For window boxes, house or greenhouse growing, this is one of the most decorative plants. Their leaves, handsomer than Begonias, are spotted, marbled, veined and striped with white, pink and dark red. These bulbs, though comparatively rare, are easily grown, and their handsome foliage is much admired. Bulbs should be started into growth in a warm place.

Each, 20c.; 3 new varieties, 50c.; 7 for \$1.00, postpaid; 25 for \$3.00.



FANCY LEAVED CALADIUMS.

CANNA FIELDS

Western Springs



THIS plant is a great favorite with us. Prior to the World's Fair in Chicago we commenced the importation of the best French novelties and annually since then have secured every new variety of apparent merit, giving them careful flowering trials each winter in our own greenhouses and each summer in the ground. Our novelty list for 1904 shows the year's progress of this grand ornamental plant, both in new and standard varieties.

FIVE NEW CROZY HYBRIDS.

Bizarre. Height, 3 to 4 feet. Foliage, light bronze. The color of the flower is unique, golden-yellow, all lined and striped with dark red. No other Canna has this constant bizarre coloring.

Frederic Benary. Height, 5 to 6 feet. Green foliage. An early bloomer. Its flowers are currant red with orange throat and yellow edge; as large as the orchid flowered class and much more durable and freely produced.

Leon Varroud-Vial. Height, 3 feet. Plum-colored foliage. Spikes numerous, very large, cinnamon red, spotted with dark carmine. A valuable novelty.

Madame Paul Cazeneuve. Height, about 4 feet. Very striking foliage, leathery, bronze-green with dark purple markings, similar to the old variety Discolor. Strong grower. Color of flowers, rose-scarlet. A very effective plant.

Senator Viger. Height, about 5 feet. Very large flowers of a beautiful brick-red, shaded fiery red and finely streaked with golden-yellow. The foliage is green and the habit erect.

ALL THE ABOVE, \$1.00 EACH.

Special Offer No. 301.

The Set of 5 New Crozy Hybrids for \$4.00.

Huntsville, Ala., Nov. 26, 1903

The packing seemed perfect. You certainly have your help well trained to do work in this way and I congratulate you.

H. S. CHASE.

WE WILL MAKE A
GRAND DISPLAY
..OF..
OUR CANNAS

..AT..

St. Louis Exposition
this Summer

TAKE IN THE SIGHT

SIX NEW CANNAS.

Beaute des Marches. Height, 5 feet. Green foliage. A strong, robust grower and free-flowering Canna. The flowers are extra large and rounding, opening out flat. Color clear, bright salmon-pink. Each, 20c.; 3 for 50c.; 12 for \$2.00.

Black Beauty (True). Awarded certificate of merit at the Pan-American Exposition. This is undoubtedly the finest dark-leaved Canna in existence. The broad tropical foliage is of the deepest crimson bronze, the young growth being fully as well colored as that of the finest Dracenas. It is a splendid hardy grower, reaching 5 to 6 feet in height in rich soils. The flowers are insignificant, but the foliage is superb. Each, 20c.; 3 for 50c.; 12 for \$2.00; 100 for \$15.00, by express.

The Express. In color it is bright scarlet-crimson a shade lighter than that of Philadelphia—one of its parents. Large, broad-petaled flowers in immense, compact trusses. The bed is a mass of bloom the entire season. Under most favorable conditions it only attains a height of 3 feet, but generally 2 to 2½ feet. This, added to its free, clean growth, makes it an ideal crimson bedder. Each, 50c.; doz., \$5.00.

Milwaukee (Vaughan's Seedling 100). 3½ feet; foliage green; leaves pointed. Flower rich, dark maroon, darker than Duke of Marlboro. We find it the darkest of all Cannas. Each, 50c.; doz., \$5.00.

Mont Blanc. Grand New White Canna. This magnificent New Canna is the result of many years of careful hybridizing. **Mont Blanc** has a vigorous constitution, and produces its large, beautiful white flowers on strong branching stalks well above the foliage. It blooms early and continuously until stopped by freezing weather. Its foliage is bright, glossy green, very large and handsome, and so thick and leathery it is not often injured by rain or wind. It is a strong-growing vigorous variety, and will produce from 15 to 20 flower stalks in a season. Its great masses of snowy-white flowers contrast finely with the splendid crimson and pink varieties. Each, 35c.; doz., \$4.00.

Victory (Our Seedling of 1897). Height, 5 to 6 feet. Extra strong, robust grower, throwing up immense flower stalks, each stalk having from 7 to 9 flower spikes. The flowers are of the largest size, petals measuring 1¾ inches, and suggest a possible crossing of the Italian with the Crozy serts. In color a bright orange-scarlet, with fine crimson veins running lengthwise of the petal and bordered with an irregular band of yellow. We know of no Canna to equal it. Gold medal awarded at the Buffalo Exposition. Each, 50c.; 6 for \$2.50; 12 for \$4.50, by express.

Special Offer No. 302.

The Set of 6 New Cannas for \$2.00.

FOUR BEST CANNAS for 1904.

King Humbert. Grand New Canna, King Humbert. This grand Canna is a cross between the Crozy and the Orchid flowering class. The flowers are as large as the largest of the Orchid flowering Cannas, while the petals have the firmness of the Crozy varieties, and it stands all kinds of weather to perfection. The flower is a bright orange-scarlet, streaked with crimson. The foliage is bronze with brownish-green stripes, large thick and leathery; in fact, the finest foliage of all Cannas, combining the beautiful flower stalks with the grand foliage make an ideal Canna. The plant is an extra strong, robust grower; height, 4 feet. Exceedingly free-flowering. Strong growing plants. Each, 50c.; 3 for \$1.25; 12 for \$5.00.

Papa Crozy. A new French Canna. Height, 4 to 5 feet. Dark purplish-bronze foliage, large and massive. The plant is a strong and vigorous grower, throwing up large flower stalks freely, with flowers of enormous size of a beautiful carmine-red, almost always marbled with chrome yellow. This is the largest flower which we know in the genus Canna, and will prove a sensational plant. Each, 35c.; doz., \$4.00.

Papa Nardy. New French Canna. Height, 4 feet. Green foliage. A strong grower and free-flowering habit; large rounding flowers of a beautiful purplish-crimson. A great show when massed on account of its attractive color and free-flowering habit. A sensational plant. Each, 50c.; doz., \$5.00.

St. Louis (Vaughan's Seedling, 801). 5 feet. Foliage dark bronze. Flower crimson-scarlet, petals large, rounded, with glossy surface. Plant robust grower with 3 to 5 spikes. The dry flowers fall off promptly, making it an ideal bedder. The dark bronze foliage with scarlet flowers makes a contrasting effect. We have grown it two years and it has been greatly admired by all Canna experts. Each, \$1.00; doz., \$10.00.

Philadelphia, Pa.

I consider this (St. Louis) a magnificent variety and, taking it all around, one of the very best up-to-date Cannas at present in existence, not forgetting any of the fine novelties that have been introduced in the past year or two.

G. C. WATSON

Special Offer No. 303.

Set of 4 Best Cannas for \$2.00.

Milwaukee, Wis.

Cannas just as good as last year. The "Victory" is the finest Canna I have ever seen.

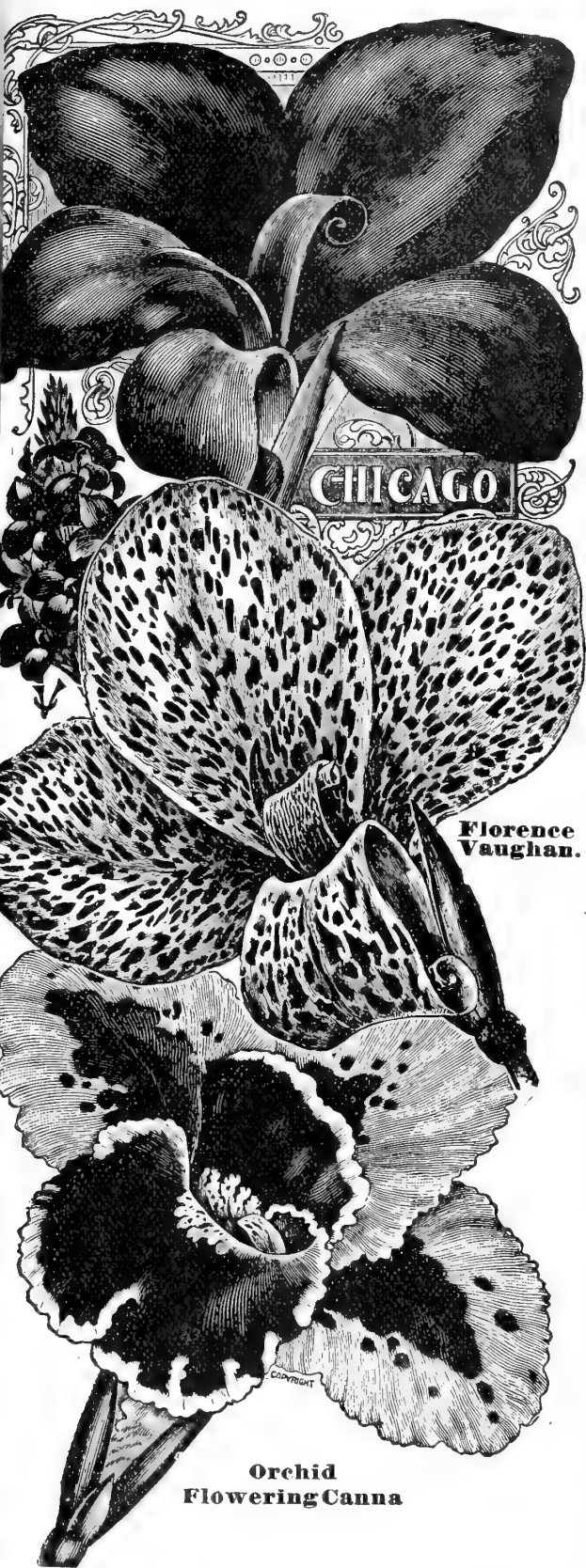
C. SCHROEDER.

Los Angeles, Cal., Nov. 24, 1903.

The shipment came in fine condition. The plants are beautiful and so well packed. I had received some from another firm earlier in the season. Yours were much larger and better packed.

S. C. REESE.

SEE OUR PLANT COLLECTION OFFERS ON PAGES 81 AND 107 OF THIS CATALOGUE.



6 Choice New Cannas

OUR OWN INTRODUCTIONS.

Grand and effective summer bedders. They have constantly increased in popularity since our noted importations displayed at the World's Fair in 1893. Although we grew 10 acres, closely planted, we found ourselves once more unable to supply the demand last Spring. We have added the best new seedlings, pink, bronze, spotted and other rare colors. We spare no pains to make Vaughan's Cannas the best American collection. Please order early to be shipped about May 15th to 25th. The plants we send will be started into growth and ready to go ahead rapidly with warm weather. Plant out of doors about May 25th at Chicago or New York.

Price of the following, each 20c; any 3 for 50c, by mail, postpaid.

By express at buyer's expense, 12 for \$1.50; 25 for \$3.00; 100 for \$10.00. Strong plants from three inch pots.

Extra large size, from four inch pots, ready May 15th. Each, 30c; 12 for \$3.00, by express only.

Chicago. Two of the three expert Canna judges of the Society of American Florists pronounced this the best of all red varieties; 5 feet, green foliage. The large flowers open out nearly flat; petals 1½ inches wide and five in number. The color is a clear, deep vermilion, smooth and without markings, except a purplish gloss. It comes into flower when quite small and continues to flower all summer. Flower stalks never look ragged.

David Harum. (Our seedling of 1898.) Height 3 to 3½ feet. Dark bronze foliage. Strong grower and one of the freest blooming Cannas we have ever seen. Flowers are of large size with well-rounded petals, good substance and not too compact. Color is a bright vermilion-scarlet dotted with crimson spots. Considered by experts to be one of the best Cannas at the Buffalo Exposition, and it was awarded a gold medal.

Egandale. Height 4½ feet. Considered by experts the best in this class. Purple foliage; strong, compact flower spikes; color, currant red. The finest bedding Canna of its color, because of its harmony of leaf and flower.

Florence Vaughan. The most famous of all Cannas. It still remains the best type of the New French Cannas. The flowers are rich golden yellow, thickly dotted with brightest red. Height, 5 feet. No Canna collection is complete without this perfect ever bloomer.

Leonard Vaughan. Height 5 feet. Rich, deep bronze foliage. Very strong, robust grower; flowers freely, and well formed flower spikes show boldly above the foliage. Color, bright scarlet without markings, and with very wide petals, measuring 1½ inches. Best dark foliaged, good flowering Canna to date.

Red Indian. (Our seedling.) Height, 4 feet. Dark, bronze leaf, strong, robust grower, sending up numerous flower stalks well above the foliage. Each stalk carries from five to six flowering spikes. Color deep scarlet, petals large and rounding. The bronze foliage and scarlet flowers make a grand contrasting effect. The only Canna of this color in bronze leaf.

SPECIAL OFFER No. 305.—One each of above six choice "Vaughan Introductions" for 90c, postpaid.

6 Grand Orchid Flowered Cannas

The new class, double the size of the flowers of all former Cannas.

America. 4½ feet. Beautiful bronze foliage. The spikes very large and the flowers enormous, with a yellow throat and petals of glowing red, flamed and streaked with purple. Each, 20c; 3 for 50c; 12 for \$1.50.

Kate Gray. 7 feet. Green foliage. Immense flowers 5 to 6 inches across. Most of the flowers have five petals, giving them a fine double appearance. The color is orange scarlet, finely flaked with yellow tints. Each, 20c; 4 for 60c; 12 for \$1.50.

Pennsylvania. 5 to 6 feet. Green foliage. Flowers of extra large size, often measuring 7 inches across, with petals 2½ inches wide. Deep red, of solid color. Each, 25c; 3 for 60c; 12 for \$2.00.

Allemania. 6 feet. Green foliage. The outer petals are scarlet, with a very broad, golden yellow border. The inside of bloom scarlet and dark red. Each, 15c; 4 for 50c; 12 for \$1.25, postpaid. Per 100, \$8.00, by express.

Burbank. 5 feet. Green foliage. The new American Orchid Flowering Canna. Flowers gigantic, upper petals spreading fully 7 inches, form really semi-double. Toward the inner part the petals show fine crimson spots, rest of flower is rich canary yellow. Each, 15c; 3 for 40c; 12 for \$1.25; 100 for \$8.00, by express.

Italia. 5 feet. In color the center is of a brilliant red, the outer half of the circumference of each petal being a wide, irregular band of clear yellow. Each, 15c; 2 for 25c; dozen, \$1.25.

8 Dwarf Cannas

ALL GREEN FOLIAGE.

Price of the following, except where otherwise noted: Each, 15c; 2 for 25c; 12 for \$1.25, postpaid.

Betsy Ross. Height 2½ feet. Green foliage of compact bushy habit, throwing up an abundance of flower stalks well above the foliage. The flowers are large and the color is a beautiful soft pink, just the right shade you want in a pink Canna. Each 20c; 3 for 50c; per dozen, \$2.00.

Buttercup. Height 3½ feet. Green foliage. A true bright buttercup yellow, large beautifully formed flower spikes. Stands unfavorable weather better than most any other kind and always shows up bright and clear. Each, 20c; 3 for 50c; per dozen, \$2.00.

Dwarf Florence Vaughan. It is of uniform dwarf habit, never exceeding 3 feet, with broad, massive, dark-green leaves. An early and continuous bloomer. Color, rich golden-yellow, thickly dotted with bright red. It supplements that grand standard kind by repeating it in a dwarf growth.

Mad. Louis Druz. Height 3 feet. Green foliage. Fine compact flower heads; petals thick and heavy. Color bright scarlet with salmon throat.

Monsieur Jarry Desloges. Height 3 feet. Green foliage. The petals are long and rounding, measuring 1½ to 2 inches across and of a thick leathery substance. Color, a dazzling scarlet orange.

Montana. Height 3 feet. Green foliage. Flowers are large and of a light cream color, turning to pure white with age. A strong grower, throwing up large flower spikes; stands wind and rain well. This is the only Canna of its color that we know of. Each, 25c; 3 for 60c; per dozen, \$2.25.

Niagara. Height 3 feet. Green foliage. Great handsome trusses, broad, thick, durable petals; color rich deep crimson with a wide irregular border of deep golden yellow. Each, 20c; dozen, \$2.00.

President McKinley. 3 feet. Green foliage. Medium size flowers of good substance; color a fiery, deep crimson. A profuse bloomer.

SPECIAL OFFER No. 306.—One each of above eight green-leaved Dwarf Cannas for \$1.00, post paid.

12 Popular Cannas.

Price: The following Cannas each, 15c; 2 for 25c; 12 for \$1.25, postpaid. 100 for \$8.00, by express. If ordered sent by express at buyer's expense, stronger plants will be sent at same price.

After May 1st we can furnish large plants from 4-inch pots that will commence to bloom in a short time. Each, 25c; 6 for \$1.25; 12 for \$2.40; 25 for \$4.50; 50 for \$6.00, all by express at buyer's expense.

Alphonse Bouvier. 5 feet. Green foliage. Flowers crimson.

Alsace. 3½ feet. Green foliage. Flowers pale lemon yellow.

Beaute Poitevine. 2½ feet. Green foliage. Large crimson flowers.

Chas. Henderson. 4 feet. Green foliage. Crimson flowers, good bedder.

Crimson Bedder. 3 ft. Intense crimson scarlet.

Discolor. Old type, 10 feet. Mammoth leaves of a bronzy red, fine for foliage effect.

Duke of Marlborough. 3½ feet. Green foliage. The color is rich velvety maroon. Distinct.

Mill. Berat. 5 feet. Green foliage. A shade of rosy carmine. The petals are long.

Mad. Crozy. 3½ feet. Green foliage. Vermilion with a gold border around each petal.

Queen Charlotte. 4 feet. Green foliage. Rich orange-scarlet with a gold band.

Secretaire Chabanne. 4 feet. Green foliage. The color is a beautiful orange.

Souvenir d'Antoine Crozy. 4 feet. Green foliage. The flowers are scarlet crimson, bordered yellow.

SPECIAL OFFER No. 307. The set of 12 popular Cannas for \$1.25, postpaid. If ordered by express at buyer's expense larger plants will be sent at the same price.

Special Offer No. 304 One each of above six Orchid Flowering Cannas, postpaid, for \$1.00



Vaughan's Canna Bed Collections

Careful adjustment of sizes and colors add much to effective Canna beds. We know these plans to be good.

Estimates and plans furnished for larger beds of Cannas of any size or form, and with varied foliage or flowering effects.

Set the plants 18 inches apart each way, using the taller ones (see height in description) for the center, and the dwarfier kinds for outer circles, with shortest ones at edge.

Customers who prefer to make their own Canna Bed combinations can select any varieties that we list and remit for each at the dozen rates which apply to them. Note that we offer the plants in two sizes:

First Size, from 2½-inch pots. **Larger Size**, from 4-inch pots, ready to bloom. We hope that all flower lovers will take advantage of some of these grand offers.

Collections

CANNA BED No. 1.

Round, 7 feet across. 1 Florence Vaughan (for center); 6 Egandale, bronze (middle row); 12 Madame Crozy (outside row). Makes a very handsome bed; unexcelled for the price.

	Not prepaid.	Prepaid.
The 19 plants, first size.....	\$1.75	\$2.00
Or the 19 plants, large size, ready to bloom.....	3.00	3.50

CANNA BED No. 2.

Round, 7 feet across. 1 Leonard Vaughan, bronze (for center); 6 Florence Vaughan (middle row); 12 David Harum, bronze (outside row). One of the prettiest possible beds; you want this.

	Not prepaid.	Prepaid.
The 19 plants, first size.....	\$2.25	\$2.75
Or the 19 plants, large size, ready to bloom.....	4.00	5.00

CANNA BED No. 3.

Round, 10 feet across. 7 Florence Vaughan (in center); 12 Egandale (middle row); 18 Madame Crozy (outside row). This is a very complete three-color effect in a Canna bed, and very hard to excel.

	Not prepaid.	Prepaid.
The 37 plants, first size.....	\$3.35	\$3.75
Or the 37 plants, large size, 4-inch pots, ready to bloom.....	6.00	6.75

CANNA BED No. 4.

Round, 10 feet across. 7 Souvenir de Antoine Crozy (for center); 12 David Harum, bronze (middle row); 18 Dwarf Florence Vaughan (outside row). A magnificent bed, extremely showy and effective.

	Not prepaid.	Prepaid.
The 37 plants, first size.....	\$3.00	\$3.50
Or the 37 plants, large size, ready to bloom.....	5.00	5.75



Golden Chadwick.

The Yellow Ostrich Plume F. J. Taggart. The most striking novelty of recent years. The best of all the hairy or plumed section. Large, perfectly double, bright yellow, attractive. Each, 20c; dozen, \$2.00.

Chusan Daisy or Golden Chain.

Said to be the Mother of all Chrysanthemums—the original species from which have been developed the countless varieties of this regal flower.

Our magnificent specimens of the plant were the sensations of the great New York and Indianapolis Chrysanthemum Shows, November, 1903, each being 8 feet high and 8 feet through and having upward of 10,000 golden, yellow flowers. The flowers are small and single, about one inch in diameter, each branch being literally covered from end to end with these small flowers. It has a blooming season of phenomenal length, producing blossoms up to April. Each 20c; three for 50c; twelve for \$2.00.

Chrysanthemums Vaughan's Novelty Set for 1904

Price, each, 20c; or the Set of 6 for \$1.00, postpaid, with Pamphlet on Culture.

Columbia. A variety of exceptional beauty and of perfect form—rounded, incurved, of large size. Color pink, lighter than Viviani Morel. Stiff stem, good foliage mid-season bloomer. Winner at Chicago, scoring 90 points.

Convention Hall. Color white, of an exceedingly pure tone. Very broad center petals, incurving closely, tubular ray florets. Unquestionably the finest white which has been produced for many years. Certified by the Chrysanthemum Society of America, scoring 97 points.

Marie Liger. A grand flower of great size and depth—a globular incurved. The color is pearl pink deepening to a very bright shade at the base of the petal. Dwarf habit, stiff stems. Comes into bloom in late October. It won the prize offered by the Chrysanthemum Society of America at the Paris Exposition, scoring 98 points.

"Golden Chadwick." (Vaughan.) It is a sport of the well known popular variety, W. H. Chadwick, same habits, form, etc., as the white variety, except in color, which is lemon yellow, the same as Major Bonnaffon. It received the first prize for a new yellow in Kansas City, and at Chicago show divided the prize with Yellow Eaton, that is scoring the same number of points. A magnificent variety in both form and color, and unsurpassed in size.

T. Carrington. Very desirable on account of its enormous size and distinct color. A fine bold incurved flower of great depth. Color, magenta-rose with a silvery reverse—an odd and pleasing shade. A strong and vigorous grower with fine stem and foliage.

The Yellow Eaton. A bright yellow sport from Timothy Eaton, the mammoth white. Its color is a shade lighter than the well known yellow variety Col. D. Appleton. Foliage very beautiful, stem strong and sturdy.

Exhibition Set

Price, each 15c or the Set of 6 for 75c Postpaid.

Estelle. Extra sized flowers of the purest white; fine deep form with fine stems and foliage; very early, can be cut October 5th. An ideal pot plant.

Marion Newell. Flowers of extra size, measuring 9 inches in diameter. Reflexed variety, with large, wide petals. Color almost a true pink.

Mrs. F. J. Taggart. Pleasing shade of yellow. Very large reflex flowers with long flat petals.

Mrs. W. B. Chamberlain. Outer petals drooping, center incurving, forming a bloom of largest size. Color a lovely shade of pink.

Omega. The best early yellow. Can be cut October 10th, blooms measuring 8 inches in diameter. Long broad petals; color deep shade of yellow.

Timothy Eaton. This is the largest globular incurved White Chrysanthemum yet introduced, flowers measuring 25 inches in circumference. The stems are strong and stiff, holding the immense flowers erect.

SAN FRANCISCO, CAL.
Sept. 29, 1903.

The Chrysanthemums arrived in excellent condition. They were beautifully packed and as fresh as possible when we put them in a choice place in the garden.

(Signed) S. G. TALBOT.

Chrysanthemum Set

for Pot Culture

The following list is a selection from over 100 sorts, and embraces the best sorts for pot culture:

Each 10c; any 7 for 50c; or the set of 15 for \$1.00, postpaid.

Chito. Perfect ball, striped red and yellow.

Col. D. Appleton. Japanese incurved, bright yellow of great depth and solid build.

Enfant des Deux Mondes. A creamy white hairy variety.

Golden Hair. Bright yellow, with spines.

Geo. W. Childs. The best bright red. Fine.

Intensity. Reflexed crimson flowers of large size.

Ivory. Ball shaped flowers of a pure white.

Louis Boehmer. Silvery pink, covered with spines.

Mrs. T. L. Parks. Large flowers of a deep yellow.

Mrs. Jerome Jones. Large incurved, pure white.

Major Bonnaffon. A grand flower, lemon yellow.

Mrs. Perrin. Large incurved pure satiny pink.

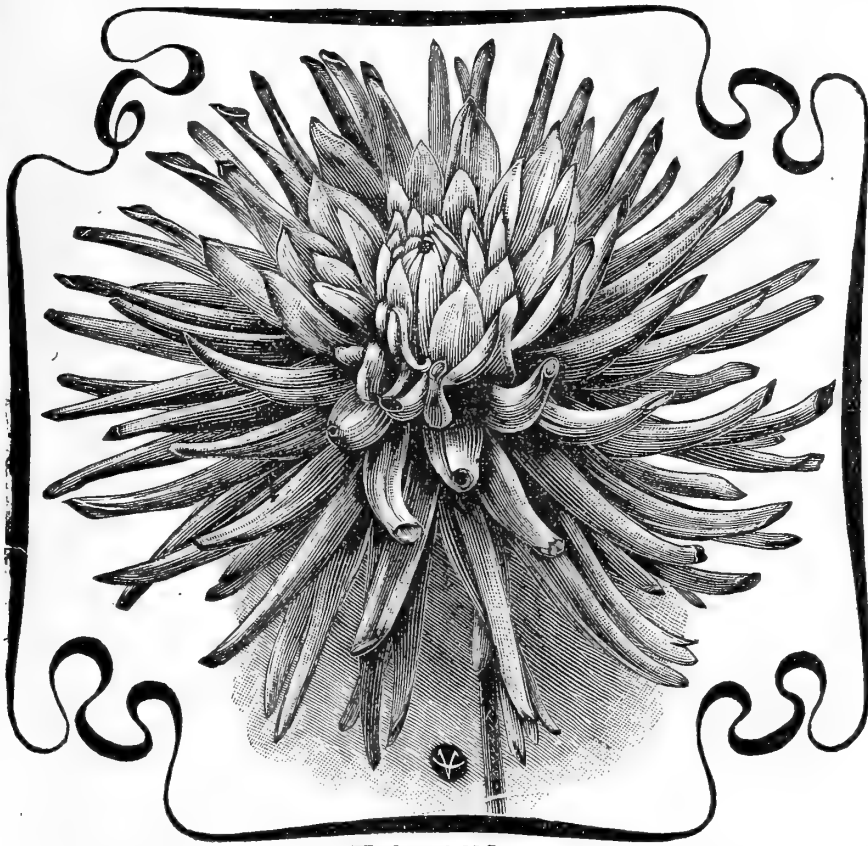
May Foster. Chinese; large pure white flowers.

W. H. Chadwick. Noble incurved, creamy white.

Yanariva. Immense flowers, delicate blush.

Dahlias

Old friends are best, so we find this one becoming again a great favorite everywhere. We have carefully revised our list, and the collection of various types offered is the cream of over 200 varieties, selected after critical examination of those kinds which are all early and free flowering.



Kriemhilde.

Four New Cactus Dahlias. The collection offered below are all of the true new cactus form. The petals of this class are very long, pointed and beautifully twisted. This type is the most popular at the present day and has much to commend it, combining the grace of the single varieties and without the stiff formality of the double show sets.

Brunhilde. Bright plum color, large and of perfect habit and form. The petals are loosely arranged and quilled.

Herzogin Agnes. In color, clear delicate rose shaded lighter at tips. Very full and lasting.

Jugend. Entirely new and distinct in form. Milk-white becoming snow-white as season advances. Petals tubular and twisted.

Kriemhilde. Brilliant fresh rose-pink with creamy-white center, pure in tone. Unequaled.

All the above are free bloomers with long stiff stems holding the elegant flowers well above the foliage, and are therefore to be recommended as the best cut flowers up to date. Each, **35c**; dozen, **\$3.50**, for strong growing plants, ready April 1st.

SPECIAL OFFER No. 308.

The set of 4 New Cactus Dahlias for **\$1.25**, postpaid.

Seven Cactus Dahlias.

Aegir. Large full flowers of a rich cardinal red; long stems; entirely distinct.

Countess of Lonsdale. The most profuse and one of the very best. The flowers are borne on long stiff stems. Color, a delicate apricot, shading toward the edges of the petals to carmine pink. Early.

Earl of Pembroke. Bright plum, deeper and more velvety towards the center. One of the best for cutting purposes.

Firebrand. Beautiful flowers of a dazzling scarlet; the brightest and most showy of all Dahlias. Early and continuous bloomer.

John H. Roach. Of medium size; full and perfect form, with pointed petal. The finest pure yellow cactus Dahlia to date.

Matchless. A grand variety. It is dwarf and branching, strong and vigorous. The flowers are large, rich, glistening crimson, overlaid dark velvety maroon. Early and profuse bloomer.

Mrs. Frances Fell. A tall grower, producing an abundance of large flowers, early, on long stems. Color, creamy white.

Price, each, **20c**; doz., **\$2.00**. Large field roots, each, **35c**; 3 for **\$1.00**, by express.

SPECIAL OFFER No. 309.

The set of seven (7) Cactus Dahlias for **\$1.00** postpaid.

Dahlia Types

They are distinguished as follows:

Show. Petals rolled forward.

Decorative. Petals flat or nearly so.

Cactus. Petals rolled backward.

Twenty Old and Best Sorts.

Each, **15c**; dozen, **\$1.50**; the set of 12 for **\$1.50**, by mail. Large undivided field roots, each, **25c**; dozen, **\$2.50**, by express.

A. D. Livoni. Beautiful clear pink of perfect form.

***Bonnard's Yellow.** Extra large flowering of a deep yellow.

***Clifford W. Bruton.** Bright golden yellow. Very early, popular.

Camelliaflora. Pure white, thick Camellia-like petals. Very fine and large.

***Constance.** Large, pure white, fine form.

Floral Park Jewel. Deep maroon to bluish white flowers are produced on the same plant.

Gem. Deep crimson. Very double and a good bloomer. Large flowers; dwarf habit.

Goliath. Deep garnet red; long stem.

Henry Sherber. Salmon, large and fine; dwarf grower.

***Henry Patrick.** Very large, pure white, long stems.

***Lyndhurst.** Brilliant fiery scarlet. Fine for cutting. Distinct.

Miss Thatcher. Best golden yellow Dahlia in cultivation. Large quilled flowers.

Mrs. Gladstone. Delicate shell pink, extra fine. Early and profuse bloomer.

***Nymphaea.** A double light pink, with broad petals. Long stems; fine to cut.

Pearl. Pale lavender, shaded lilac.

***Pres. Felix Faure.** Broad thick petals. Color, deep purplish crimson. Extra fine.

Princess Bonnie. A fine large white. Good to cut.

Red Head. Large double bright scarlet; very fine. Height, 3 feet.

White Swan. Pure snow-white. Petals opening out flat.

The varieties marked with star (*) are of the decorative type, with broad, flat petals.

SPECIAL OFFER No. 310.

The above set of twenty Old and Best kinds, one each for **\$2.00**, postpaid. Strong plants, ready April 1st.

Vaughan's Dahlia Seed

Consult Flower Seed Novelties, Page 43.

New Large-Flowering Dahlias.

Except where noted, **35c** each; dozen, **\$3.50**.

Berwyn. (Our Seedling.) Wide flat petals, rich violet-crimson without markings; 6-inch flower.

Olyde. (Our Seedling.) Extra large; sulphur yellow; broad petals, constant bloomer.

Grand Duke Alexis. Large massive flowers beautifully quilled. Color, ivory white with a faint tinge of rose at the tops of the petals. Each, **20c**; 12 for **\$2.00**.

Hawthorne. (Our Seedling.) Clear cerise pink. Petals wide and cupped. Flower 6 in. across.

La Vergne. (Our Seedling.) Fiery crimson, very full and free. Bushy grower. Early and fine.

Mrs. Theodore Roosevelt. Very fine light pink, 6 to 7 inches across.

***Mrs. Winters.** The very best pure white Dahlia to date. Flowers are 5 to 7 inches in diameter. Each, **25c**; dozen, **\$2.50**.

SPECIAL OFFER No. 311.

The above set of 7 for **\$2.00**, postpaid. Strong growing plants ready April 1st.

Ten New Single Dahlias.

Ami Banilett. Dark crimson. Very early and profuse.

Anemone. Pure white, large and free. Dwarf grower.

Blackbird. Black velvety maroon with red spot at base.

Fashion. Crimson maroon, flamed purple.

Gold Standard. Very large, pure canary yellow.

Juno. White-tipped rosy lilac, red disk.

Lawrence Kramer. Deep cerise pink, without shading.

Polly Eccles. Satiny fawn color with red disk.

Wildfire. Most brilliant fiery scarlet yet produced.

20th Century. Mammoth flowers of rosy crimson with white tips and center; coloring becomes softer as season advances. Price, except where noted, **15c** each; **\$1.50** per dozen. Strong plants ready April 1st.

SPECIAL OFFER No. 312.

The above set of 10 New Single Dahlias for **\$1.50**, postpaid.

Pompon Dahlias. This class of Dahlias is fine for cut flowers as they bloom more freely than the large flowered sorts. Each, **15c**.

Elfin. Pale primrose, changing to white; dainty.

Elegante. Soft pink, tipped with deep pink.

Snow Clad. The finest of all white Pompons.

La Petite Barbara. Beautifully quilled. Pure white.

SPECIAL OFFER No. 313.

The above set of 4 for **50c**, postpaid.

Heavy Dahlia Stakes

Green painted; tapering; wooden.

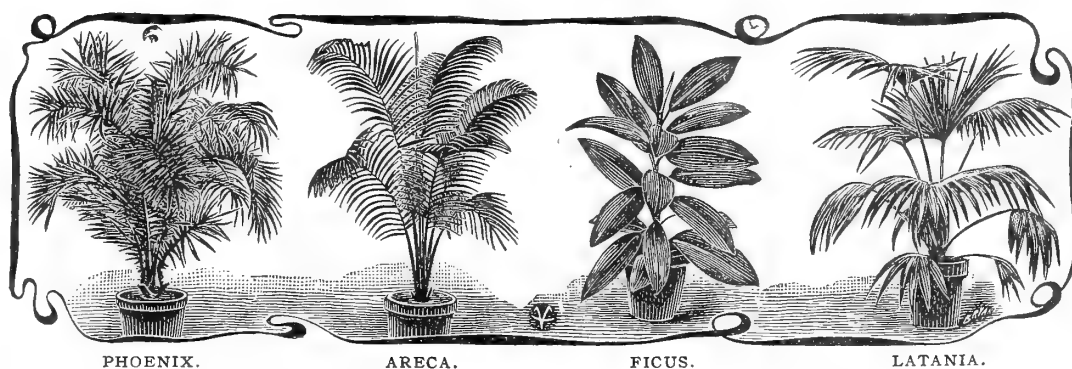
	Per doz.	Per 100
3 feet.....	.70	\$4.50
4 ".....	.80	5.60
5 ".....	1.00	6.75

Cane Stakes

Extra heavy, 9 to 12 feet long, per 100.....**\$1.60**
(Cut these in lengths to suit.)



KENTIA PALM.



PHOENIX.

ARECA.

FICUS.

LATANIA.



NORFOLK ISLAND PINE.

Decorative Plants and Palms

Decorative Plants

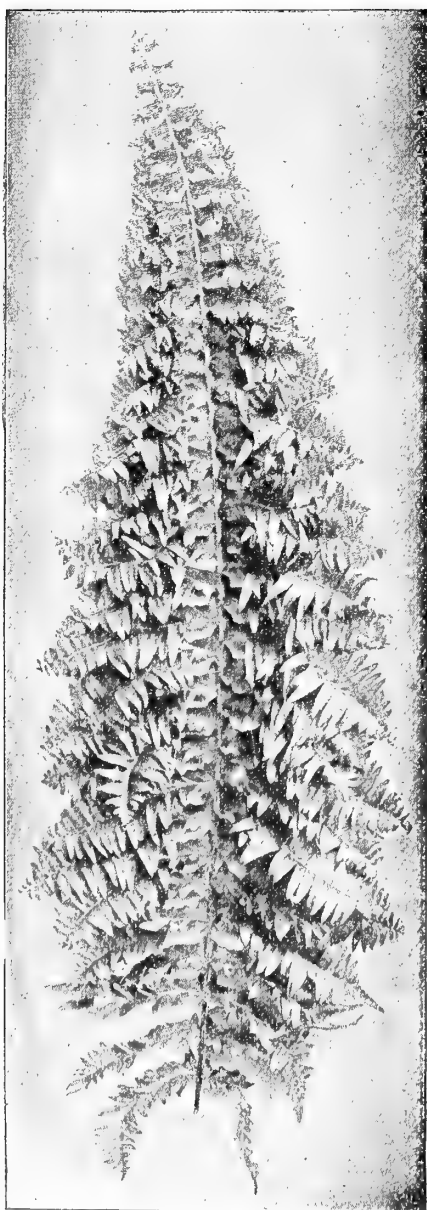
Ficus Elastica (India Rubber Tree). The large, shining green leaves endure the dry air of a living room as well or better than any other plant. This is why everybody likes it. Our plants are very choice. Plants 1 foot high, each, 60c.; 18 inches high, each, \$1.00; 2 feet high, \$1.35; 2½ feet high, \$1.70; 3 feet high, \$2.00. Prices on Rubber trees are by express only.

Norfolk Island Pine (Araucaria Excelsa). This beautiful house plant resembles the pine somewhat in appearance, though much finer in texture. Plants 12 inches high, each, \$1.50; 14 inches, \$2.00; 18 inches, \$2.50, by express only.

Pandanus Veitchii. Leaves are light green, beautifully marked with broad stripes of pure white and gracefully curved. Each, 50c.; large plants, 15 inches high, each, \$1.00; larger plants from \$2.00 to \$5.00 each, by express.

"The Anna Foster Ferns sent us were very satisfactory. They are growing beautifully."

ANDERSON & WHITE, Florists,
53 Georgetown St.
Lexington, Ky.



LEAF OF NEW SWORD FERN PIERSONI.

Ferns

New Sword Fern, Nephrolepis Piersoni.

The photograph of leaf on this page gives a very good idea of the feathery plume-like fronds, 6 inches broad. The divided pinnae or leaflets keep growing constantly, showing two distinct shades of green, the ends being light green, while the center and main part of the fronds show a dark rich shade, the contrast producing a very beautiful effect. It is a healthy, quick-growing fern of elegant weeping habit; new and already a great favorite.

Price, 1st size, each,	2½-inch pots,	\$0.30	Pre-paid	
" 2d "	" 3 "	.50		
" 3d "	" 4 "	1.00		
" 4th "	" 5 "	1.50		By Express
" 5th "	" 6 "	2.00		
" 6th "	" 7 "	4.00		

at buyer's expense

New Sword Fern, Anna Foster.

A rival of the foregoing for popular favor; it is preferred by some. Its leaflets are very finely subdivided, giving it a more open and lace-like appearance. Equally healthy and graceful.

Prices same as for Boston Fern, given on this page.

COLLECTION OF BEST FERNS FOR HOUSE CULTURE.

Each 15c.; any 2 for 25c.; or the 5 for 50c., postpaid.

Cytomium Falcatum (Holly Fern). Thick, dark green leaves.

Pteris Alba Lineata. A variegated variety, white and green.

Pteris Wimsetti. Fine for Fern pans and house use; crested.

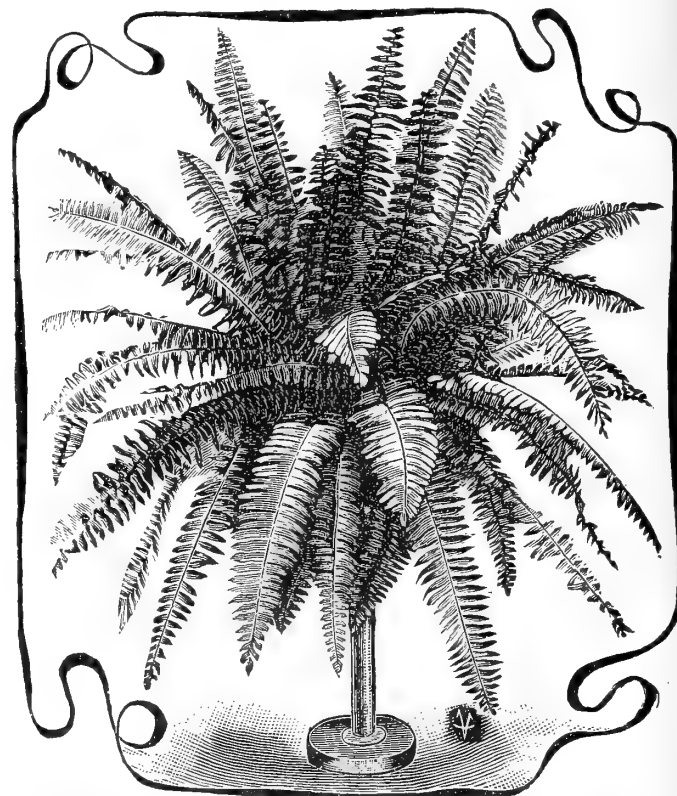
Pteris Serrulata Cristata. Dwarf and bushy; graceful foliage.

Maiden Hair. A very graceful Fern and easily grown.

"Mikado" Fern Ball

Fern Roots, about the size of a pencil, woven outside and around a ball of moss. These roots produce beautiful sprays of ferns from eyes, or buds, at nearly every inch of their length. Thus the whole surface soon becomes covered with fern sprays. Cultural directions with each order.

We offer two sizes; 8-inch dormant Balls, each, 75c.; 3 for \$2.00; 1 doz., \$7.00, all prepaid. 5-inch in diameter; each, 50c., 3 for \$1.35; 12 for \$5.00, all prepaid.



The Boston Fern Nephrolepis Bostoniensis.

This is a wonderfully healthy, rapid growing and graceful house plant. In great demand. Many people have bought it in preference to the finest Palms or Rubber Plants. Thrives in all rooms; gas or furnace heat does not seem to injure it. Fronds are often six to seven feet long, a 4-inch plant increasing to 10-inch size in a year, besides making many new offshoots. A good sized plant contains from 20 to 40 fronds, and the fresh ones continually coming out with new growth are very beautiful. Best of all for hanging baskets. Our plants are all well established in pots, not weak runners torn loose from soil.

Price, prepaid:

1st size, each,	2½-in. pots,	15c.; 3 for 40c.; 12 for \$1.50
2d "	" 3 "	25c.; 3 " 60c.; 12 " 2.00
3d "	" 4 "	50c.; 2 " 75c.; 12 " 4.00

Price, by express, at buyer's expense:

4th size, each,	5-inch pots,	bushy plants.....\$0.75
5th "	" 6 "	extra large and full... 1.00
6th "	" 7 "	extra fine plants..... 2.00

Specimen plants, like cut, each \$5.00 to \$8.00.

SPECIAL OFFER No. 314.	{	1 Fern, Piersoni	{	for 50c. postpaid.
		1 " Anna Foster Boston		

Novelty Geraniums

E. H. TREGO. This is the best scarlet Geranium yet produced. We have tested this variety for the past year and can truly say it is the largest flower and brightest scarlet geranium we have yet seen, and that it cannot be excelled for bedding purposes. The color is a deep scarlet of exquisite shade; the florets are regular in form, more than semi-double, and about two and a half inches in diameter. Trusses, enormously large on long stems. Foliage and habit are all that could be desired.

LITTLE PINK. This is of the dwarf type, never growing over six to eight inches in height and literally covering itself all Summer with trusses of double, deep pink flowers. Just the plant for borders.

NEW DAZZLER. A grand single bedder producing enormous full trusses, composed of immense round undivided florets, measuring two and one-quarter inches in diameter. The color is a most dazzling shade of scarlet.

SUMMER QUEEN. One of the prettiest Geraniums we have ever seen. The color is pure white, with a narrow band of deep pink on edge and under side of the florets, which are of the largest size on immense trusses.

PASTEUR. Large semi-double florets of a brilliant orange-scarlet. Habit, dwarf and vigorous, exceptionally free in bloom.

JEAN VIAUD. The best of all semi-double pink Geraniums. A pure Bruant of enormous size. Stands rain or drought and is a perfect mass of bright pink all Summer. The flower trusses are as large as Hydrangea heads.

PRICE, each 20c.; or the set of six for \$1.00, postpaid; any 25 by express for \$3.00.

12 Best Double Geraniums

Each, 10c.; dozen, \$1.00, postpaid; 100 for \$6.00, by express.

Alphonse Ricard. Bruant, semi-double flowers of a brilliant shade of orange-red. Fine bedder.

Beaute Poltevine. Bruant, semi-double type. Immense sized trusses, beautiful shade of pink. Free bloomer.

Double New Life. The outer florets are brilliant red. In the center of these appears another semi-double floret, pure white in color, effecting a very charming contrast, difficult to realize unless seen, and having the appearance of being produced artificially.

Dr. Beaumentz. Double; a robust free-flowering variety; brilliant scarlet flowers.

Heteranthe. Semi-double; soft scarlet; a very fine bedder.

J. J. Harrison. Semi-double; of vigorous growth and free-blooming. The color is an admirable vivid scarlet.

Kleber. Large trusses. Color, a deep, violet-crimson, very brilliant and attractive, and one of the very best bloomers.

Mrs. Frances Perkins. An extra fine double; deep pink. One of the best Summer bloomers.

Mad. Jaulin. Very large florets, center of flower very delicate pink, bordered with pure white.

Mad. Rosain. The best of the double whites; unequalled for abundance of flowers.

Mary Hill. Forming large trusses of semi-double clear rose-pink flowers; one of the best.

S. A. Nutt. Double; rich, dark crimson; large size trusses.

Double Geranium Collection. One each of the above 12 Geraniums for \$1.00, by mail postpaid.

8 Best Single Geraniums

Each, 10c.; dozen, \$1.00, postpaid.

Columbia. Trusses as large as Hydrangeas and of a high scarlet of dazzling brightness. If you want a mass of scarlet, this is the one to plant.

L'Aube. Enormous trusses; large, single, round florets, pure, snow-white.

Mad. Hoste. Single; soft rosy scarlet, with large white eye, circular florets.

Mrs. A. Blanc. Bruant; the best bedder in the single salmon section. Immense trusses.

Mad. de La Roux. Single; center of petals is a soft, light salmon, bordered deep rose.

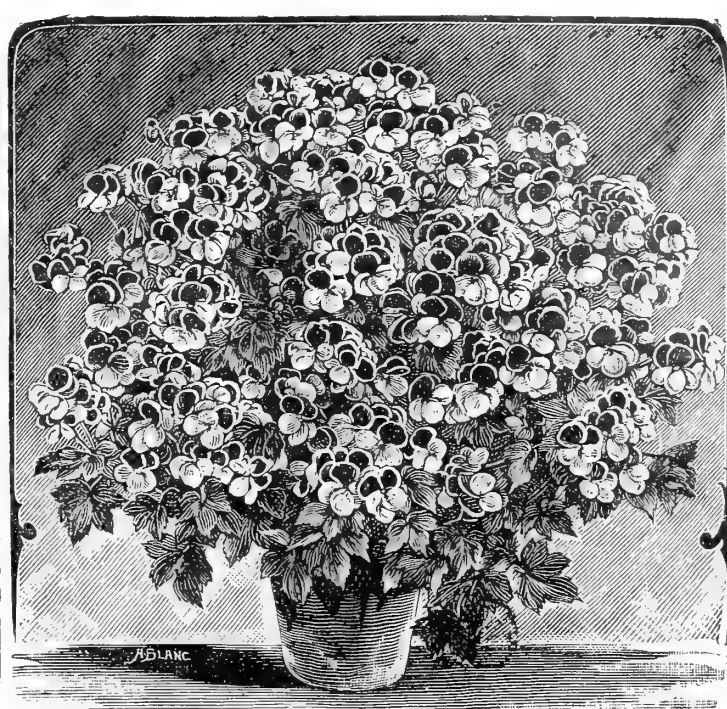
Mad. Bruant. A grand single variety, wholly distinct; white veined with carmine-lake.

Pierre Le Brun. Aureole type; scarlet white and pink blotched. Very fine.

Queen of the West. Single. This grand scarlet is truly a queen.

Single Geranium Collection. One each of the above eight Geraniums for 65 cents, by mail postpaid.

Special Offer No. 300. The two collections, making twenty grand Geraniums, all different, for \$1.50, postpaid.



Pansy Geranium

This new and beautiful Pelargonium is of easiest growth, dwarf in habit, and literally covered with flowers all the time; and as it requires little or no attention, it is invaluable as a window plant. The coloring and marking of the flowers are most extraordinary; light pink, white, dark purple, black, etc., almost rivaling the Pansy in uniqueness of flower. It is this combination of coloring which obtained for it the popular name of Pansy Geranium. Strong plants, 20c. each; 3 for 50c.

Pelargonium

Lady Washington Geranium

Grand old favorites; showiest mass of bloom produced of any soft-wooded plants that we have. This class is well known to all our readers, but the new varieties are as much in advance of older kinds as those were over the earliest sorts.

Surprise. Large black blotches on upper petals, which have a fiery red edge, surrounded with broad white band, with bright red spot in center.

Mrs. Robert Sandiford. Flowers large size, well doubled, beautifully ruffled and of glistening snow-white color.

Madame Thibaut. White, richly blotched and marbled with rose; immense trusses of large, fine flowers. Each, 20c.; the three Pelargoniums for 50c.

Aromatic-Scented Geraniums

Apple Scented. Very fragrant.
"Skeleton Leaf." Rose scented.
Rose Scented. Large foliage.

Scented Geranium Set.
 These three sorts for 25 cents, postpaid.



Variegated-Leaved Geraniums

William Langguth. The New Silver-Leaved Geranium. The plant is of short stocky growth, beautiful deep green foliage with broad, pure snow-white band. Most free-flowering of all its class. Flowers, double, bright red; large, extra filled out blooms, rising from the white colored foliage quite magnificently. 20c.; 3 for 50c.

Mad. Salleroy. Small green leaves, tinted with white. Each, 10c.

Mrs. Pollock. (GOLDEN TRI-COLOR.) Bronze-scarlet zone. 15c.

Mountain of Snow. One of the best of the silver-edged sorts. 10c.

Variegated Geranium Set. The above four for 50c., postpaid.

Ivy-Leaved Geraniums

Unless noted, each 10c.; the six for 65c., postpaid.

Leopard. This is the most distinct novelty in the ivy-leaved section yet originated. The flower is large, semi-double. The color is remarkable, being fully as rich and distinct as an orchid. The ground is a clear lilac-pink, the upper petals being heavily blotched with deep crimson and usually marked with distinct maroon dots. Each, 25c.; 3 for 60c.; 12 for \$2.25, postpaid.

Souv. de Chas. Turner. Light scarlet; double.

Beauty of Jersey. Pink, very bright and double.

Joan of Arc. The only double white ivy geranium.

P. Crozy. Soft, bright scarlet, with veinings.

Gen. Championnet. Double; bright scarlet flowers.

Hydrangeas

Mariesii. New; especially remarkable for the large size and distinct color, which is light pink, tinted with mauve. Each, 25c.; dozen, \$2.00.

Otaksa. Deep, rosy pink; vigorous grower; nearly hardy; strong plants.

Red Branched. The new growth of wood is a deep red color; flowers of light cherry shade, produced in immense trusses.

Thos. Hogg. A pure white variety, with trusses of flowers fifteen inches in diameter.

Each, unless noted, 15c.; dozen, \$1.25; the set of four Hydrangeas for 60c. Extra strong 2 year old plants, each 50c.; the set of four for \$1.75, by express.

Plants for Everybody

Winter In and Summer Out.

Fuchsias.

Black Prince. The habit is vigorous with large flowers; corolla dark amaranth red, single; sepals carmine.

Marengo. Flowers are in large, drooping clusters; tube and sepals bright rosy scarlet.

Gloire Des Marches. The finest of all double white Fuchsias. Remarkably free flowering.

Each, 10c; 1 each of the above 3 Fuchsias, 25c.

Hibiscus

New Pink Hibiscus "Peachblow." This is one of the finest free flowering plant novelties offered in recent years.

Flowers are double and from 4 to 5 inches in diameter; of a charming, rich, clear pink color, with a small deep crimson center; an entirely new, most beautiful shade; it blooms abundantly and continuously even on small plants during the entire summer and winter months. We offer strong, well-rooted plants, each, 15c; 3 for 40c; 12 for \$1.25, prepaid.

Mineatus. As gorgeous and fine as the best Pæony and fully as large, very double vermilion scarlet flowers.

Hibiscus Peachblow.

Versicolor. Large flowers, striped crimson; rose and white.

Collerii. Flowers buff yellow, with a crimson scarlet base.

Each, except noted, 10c; the 4 sorts for 40c; 12 for \$1.00.

Heliotropes

Mad. Bussy. Dwarf growing variety, with enormous panicles of dark velvety violet bloom.

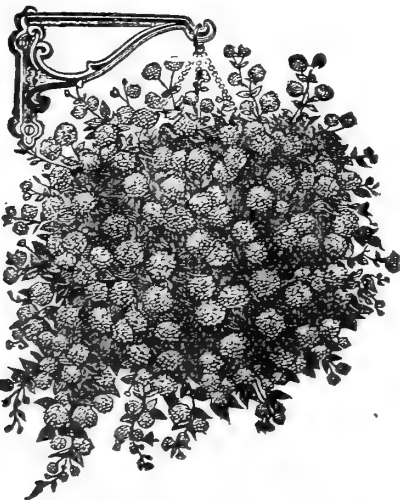
Mad. Bruant. A fine companion for the above. Deep indigo blue, with white eye.

White Lady. The best of the light varieties.

Each, 10c; 3 for 25c.

New Impatiens Platypetala.

This novelty is entirely new and distinct from all other Impatiens. The color is a pure snow white with a crimson spot, like a drop of blood in the center. Always in bloom and a good grower. Each, 20c; 3 for 50c.



Weeping Lantana.

Beautiful Weeping Lantana.

One of the few plants that cannot be too highly recommended. The plant is of very rapid growth, and graceful drooping habit, producing a cluster of flowers at each leaf. The flowers are most delicate; clear, brilliant rosy-lilac color. To procure quick results, a half-dozen or more plants should be planted in a hanging basket, although a very pretty basket can be grown from a single plant. Price, each, 10c; 3 for 25c; 7 for 50c; 15 for \$1.00, postpaid.



American Wonder Lemon.

American Wonder Lemon

In this wonderful lemon we have the rich glossy leaves like dwarf Orange. Its blossoms are waxy white, like a Tuberose, and as fragrant as Orange blossoms, producing fruit five times as large as the ordinary lemon. The Wonder Lemon must take a place in every good collection of houseplants. Price, postpaid, 1st size, each, 20c; 3 for 50c. Large plants, 2nd size, each, 40c; 3 for \$1.00.

Minneapolis Vine

(*Pilogyne Suavis.*)

If we call this one of the most satisfactory climbers, we are not saying one iota too much. The vines grow with marvelous rapidity, several inches every day, and are of the most graceful appearance. The flowers are small, white, and emit the very pleasing musk scent. Each, 15c; 3 for 40c, postpaid. Large plants, each, 25c; doz. \$2.50, by express.

Moon Flowers

Grow and bloom with everyone. If planted out in rich ground, where they have full exposure to the sun, they will attain a height of forty feet by October 15, blooming all summer.

Noctiflora. Flowers six inches, pure white.

Leardi. Flowers deep azure blue, four inches. Each, 15c; 2 for 25c. Large plants, each, 25c.

Musa Ensete

(ABYSSINIAN BANANA.) A grand lawn plant of easiest cultivation in the open ground in Summer, or for the conservatory in Winter. Plants about 12 inches high, 35c; plants 20 to 28 inches high, each, \$1.00, by express; large plants 4 to 5 feet high, each, \$5.00.

Pandanus Utilis

Like Veitchii, but with leaves of plain green. Each, 25c; large size, each, 50c and \$1.00.



Pansy Plants

Grown from seed of our Prize Medal International Strain. There are no better Pansies. These should always be sent by express. Dozen (not prepaid), 60c; 25 for \$1.00; 50 for \$1.75; 100 for \$3.50.

Primula Obconica

One of the most useful flowering plants, always completely covered with flowers of a soft lilac shade. Each, 10c; 12 for \$1.00.

It takes not only what you pay, but also what you get, and (with a plant especially) how you get it, to determine a good bargain.

SALT LAKE CITY, U.,
April 25, 1903.

The plant ordered from you came O. K. It was the best packing that I have seen yet, hence the plant was in excellent condition.
H. F. F. THORUP.



Petunia Purity.

Petunias

Purity. Grand New Double. The finest Petunia ever introduced. Strong, stocky grown, never needing any support; flowers monstrous in size; very double, finely fringed. The color is pure white. Strong plants, each, 15c; 2 for 25c; 12 for \$1.25; 100 for \$8.50.

Petunia. Finest double sorts. Propagated from cuttings; pink crimson and variegated. Each, 10c; 3 for 25c; doz., \$1.00.

Salvia

New Golden leaved "Audubon" A handsome variegated form of the scarlet sage. The plant is fully as vigorous, the deep green foliage being freely and irregularly mottled and blotched with creamy-yellow, deepening to a rich golden yellow. A gem for bedding, for window boxes, and the house. Each, 15c; 12 for \$1.50.



Salvia St. Louis.

St. Louis. A great improvement over the old Salvia Splendens. Grows 2½ to 3 feet high, forming large bushy plants covered with immense flower spikes, 12 to 16 inches in length, of a vivid scarlet. Comes into flower early and continues until frost.

Spotted Leaved. The most distinct feature of this novelty is its strikingly handsome spotted foliage. The leaves are covered with sulphur yellow spots of various sizes; flowers are bright scarlet and large size. Price of above two Salvias, each, 10c; dozen, \$1.00; 100, \$6.00.

Set of three Salvias for 30c.

Violets.

Imperial. Extra large double deep blue flowers, very fragrant, fine grower and bloomer.

Prince of Wales. The grand single flowers are almost as large as pansies.

Lady Hume Campbell. Perfectly double flowers, sky blue; very fragrant.

Swanley White. Large double pure white flowers.

Each, 10c.

One plant each of the above four kinds, 35c.

SPECIAL OFFER No. 315.—1 Weeping Lantana, 1 Hibiscus, "Peachblow," 1 Moon Flower, 1 Petunia, "Purity," 1 Salvia, "St. Louis," 1 Violet, "Princess of Wales," for 50c, postpaid.

Rose Growing at Western Springs

Is solely for the production of young plants. We do not grow cut flowers. The best, healthy wood is used for propagation and not exhausted in bearing flowers. Our heavy soil is exactly adapted for rose growing, besides it holds the roots in fresh and natural condition for shipping. Our plants carry safely to southern California, Oregon or Maine.

With special fast mail service in every direction from Chicago, our mail and express packages of all greenhouse plants are much more satisfactorily handled THAN FROM CITIES LESS CENTRALLY LOCATED. We guarantee arrival in satisfactory condition of all our greenhouse shipments.

Roses by Mail. Unpack immediately. Do not expose roots, but place at once in a shallow dish of tepid water. Toward evening carefully plant in good mellow soil, *thoroughly firming* the moist earth around the roots. Shade from the mid-day sun just after planting.

Roses by Express.—Are usually packed with all or part of the earth adhering to each plant; they *invariably arrive in good order*. If the balls of earth are dry, hold carefully in a pail of water for a moment, then plant, firming the soil thoroughly around the balls. Shade is not necessary.

We were awarded a Gold Medal for our Roses, Cannas and Pansies at the Buffalo Exposition.

Rose Specialties for 1904.



Franz Deegen Rose.

Franz Deegen. This new Hybrid Tea originating from Kaiserin Augusta Victoria Rose has the fine form and foliage of its parent and has proved to be an equally good and free bedding and forcing rose. Its color is superb; delicate yellow in bud and deep golden yellow when open. This, with its charming fragrance and vigorous health, make it a rose to recommend to everybody. Each, 20c; 3 for 50c; 12 for \$1.50. Two year old plants, each, 50c; 3 for \$1.25; 12 for \$4.00.

Helen Gould. Worthy of its honored name. There is no finer bedding Hybrid Tea Rose than this. Large full flowers of fine form, color bright glowing carmine, long pointed buds as sweet as a June Rose. A free and continuous bloomer. Each, 15c; 2 for 25c; 12 for \$1.25, postpaid. Large two year old plants, each, 40c; 3 for \$1.00, by express.

Ivory or White Golden Gate. Golden Gate has become so well known to all Rose growers as an extremely free flowering variety of the largest size, that all will understand what the new Rose, Ivory, is like when it is described as a pure white Golden Gate, a sport from that variety. Its extraordinary freedom, large size, heavy canes and pure color, all tend to make it valuable both for the garden or forcing under glass. Each, 15c; 2 for 25c; 12 for \$1.25, postpaid. Large two year old plants, each, 40c; 3 for \$1.00, by express.

Mad. Abel Chatenay. Grand new perpetual blooming variety of great beauty, the best of its color, which is rosy carmine, shaded darker. Does remarkably well in open ground. Flowers are full deep and double. Each, 25c; 5 for \$1.00, postpaid. Two year old plants, each, 50c; 12 for \$5.00, by express at buyer's expense.

Mrs. Oliver Ames. The color is a lovely soft blush with a little deeper shading in the center and on the edges of the petals, and a delicate tint of yellow at the base of the petals, making it the most beautiful of all the delicate colored roses ever offered. Its keeping qualities are unsurpassed. In short, it is an ideal rose in size, color, form, stem, foliage and free flowing qualities. Each, 15c; 3 for 40c; 12 for \$1.50, postpaid. Large two year old plants, each, 40c; 3 for \$1.00, by express.

Madam Norbert Levavasseur.

A dwarf growing, ever blooming, Crimson Rambler. This blooms when a small plant and forms clusters of flowers as large as the Crimson Rambler. Possesses also its charming brilliant red color and blooms uninterruptedly from June until fall. It forms plants growing from 12 to 16 inches high. It is one of the best roses for groups and borders. Everybody knows and admires the Crimson Rambler Rose and nearly everybody has or intends to get one. In this dwarf upright bedder we have a rose sure to be equally a universal favorite and it will be used by hundreds where the Rambler is used by tens, for it beds out to perfection and blooms many weeks longer, and in color, mass and effect is even more vivid, profuse and striking. Price, two year old size only, each, \$2.00; 2 for \$3.00; 4 for \$5.00.

New Century. Hardy ever-blooming Rose. Is a cross between the lovely Clothilde Soupert and Rosa Rugosa-Alba. It is perfectly hardy and blooms at short intervals all through the summer and fall. The flowers are 3 to 4 inches across, perfectly full and double and borne in splendid clusters. The color is bright rosy pink, with bright red center, and having all the petals widely bordered with fine creamy white. It is very sweet and has the fragrance of the Wild Rose or Sweet Briar. It is entirely hardy. Each, 25c; 3 for 60c; 12 for \$2.25. Strong two year old plants, each, 50c; 6 for \$2.50, by express.



Mme. Derepas Matrat. Called descriptively The Yellow Cochet. A pure Tea Rose, very free growing and hardy in character, withstanding ten degrees below zero. It throws up fine, strong stems, crowned by solitary buds of grand size; the color is sulphur-yellow, blooms large, double, splendid form and freely produced. The ideal yellow bedder, ranking with the White and Pink Cochets in value as a Summer Rose. Each, 20c; 3 for 50c; 12 for \$1.50, postpaid. Strong two year old, each, 40c; 12 for \$4.00, by express.

Souvenir de Pierre Notting. A seedling of Marechal Niel and Maman Cochet, with beautiful closely-set foliage and a strong, sturdy habit of growth. The bud is long and beautiful, the bloom very large, perfectly full, of elegant form; the color orange-yellow, bordered carmine-rose, very bright, distinct and clear in tone. Has been awarded many prizes. Each, 20c; 3 for 50c; 12 for \$2.50, postpaid. Two year old, each, 40c; 12 for \$4.00, by express at buyer's expense.



New Hardy Yellow Rose, "Soleil d'Or."

The goal for which many of the world's greatest Rose hybridizers have been striving has at last been reached and we have a double flowered yellow Rose, hardy enough to withstand the winters of our northern states. Soleil d'Or is the result of a cross between Persian Yellow and Antoine Ducher, retaining many of the characteristics of the Persian Yellow, the bark being much the same and foliage resembling that of its parent, but produced more plentifully, while in growth it is more branching and more vigorous. The flower is perfection in form with conical buds, expanding into a large and full globular flower, with incurved inner petals. The buds are a marvelous shade of rich chrome yellow with just a tinting of coppery rose in the center. The fully expanded flower is beautiful in its blendings of orange yellow, reddish gold and nasturtium red, forming a color impossible to satisfactorily describe. Strong two year old plants, only size we have, each, 50c; 6 for \$2.50, by express.

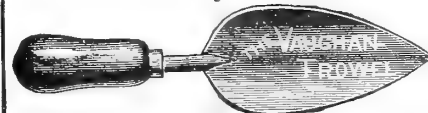
The Roses listed on this page are the pick of all recent introductions and sure to delight every purchaser. Take advantage of our Special Offer.

Special Offer No. 329

THE SET OF TEN GRAND ROSE Specialties for 1904, all two year old size, by express at buyer's expense, FOR.....\$5.50.

OR THE NINE ROSES, leaving out Madame Norbert Levavasseur, all two year old size, by express at buyer's expense.....FOR \$3.50.

The best trowel in the world. Made of one solid piece of steel.



Each, 50 cents, by mail, 60 cents.

BELMONT, OHIO, May 13th, 1903.

I want to thank you for the splendid roses received a few days ago. We have bought a great many Roses but never received such fine ones before by mail. They were as fresh and nice as could be and we very much appreciate your generosity in sending such nice ones.

With best wishes for your success,
Miss M. LOUISE SCHOOLEY.



La France Rose Set

Each, 15c; dozen, \$1.25, postpaid.

La France Rose Set of 4 for 50c, postpaid.

The delightful La France fragrance, by which every one of the four splendid roses may be known, is appreciated by every one who grows or wears a rose. The La France type is the nearest to perfection of all roses and you will be delighted with this lovely rose in four colors.

Striped La France. (*Madame Vredenburg.*) Creamy pink, with a silvery gloss, growing deeper at base of petals, streaked with carmine, elegantly shaped La France bud, has the true and same beautiful full-blown flower and even stronger growth. Free bloomer; each shoot produces a bud.

White La France. (*Augustine Guinoisseau.*) A beauty, indeed, identical with La France, except the color. It is pearly white, sometimes tinted with fawn.

Pink La France. Undoubtedly the most perfect type of a cut flower rose. No variety surpasses it in delicate coloring—silvery rose, with a satiny sheen over all its petals. Flower large with the well known fragrance.

Red La France. (*Duchess of Albany.*) The flowers are darker than La France, of a deeper pink, very large and full; perfumed and of best quality in every respect.

Two year old plants, each, 40c; dozen \$4.00.

The set of 4 for \$1.25, by express only, at buyer's expense.

SPECIAL OFFER No. 331.

- 1 La France set of 4.
- 1 Soupert set of 5.
- 1 Standard set of 10.
- 19 Roses for \$1.65, postpaid.

To Make Roses Bloom Use

Vaughan's Rose Grower Bone Meal. For prices, see Fertilizer Page, No. 127.

To Keep Insects Off Roses Use

Rose Tobacco Soap, ½ lb. box, 30c., postpaid. **Tobacco Dust,** 1 lb., 25c., postpaid.

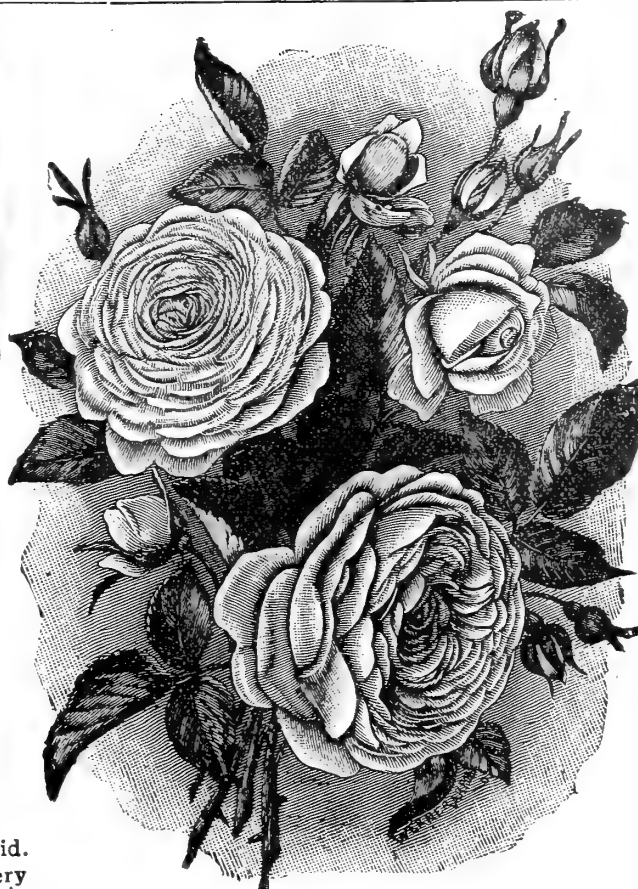
Special Offer No. 332A.

12 Unequalled Roses for \$1.00, postpaid.

- 1 Souv. de Pierre Notting.
- 1 Franz Deegen.
- 1 Gruss an Teplitz.
- 1 Helen Gould.
- 1 White Maman Cochet.
- 1 Pink Maman Cochet.
- 1 Clothilde Soupert.
- 1 Kaiserin Augusta Victoria.
- 1 The Bride.
- 1 Bridesmaid.
- 1 Perle des Jardins.
- 1 Meteor.

SPECIAL OFFER No. 332B.

One each of above 12 Roses, 2 year old size, for \$3.00, by express only.



Clothilde Soupert.

Soupert Rose Set

This is a collection that will give you a rose bed full of flowers all Summer, every one especially adapted for summer blooming and can be wintered over with protection of straw and leaves.

Price, each, 10c; dozen, \$1.00, postpaid. The 5 for 45c, postpaid.

Prices for 2 year old, strong plants for immediate effect, each, 40c; doz., \$4.00, by express.

The set of 5 in the 2 year old size for \$1.75, by express.

Clothilde Soupert. This is the most famous pot and bedding rose (*Polyantha Tea*). Its charming coloring, shading from pearly white to purest rose, double blossoms, delightful fragrance, wonderful vigor and freedom of bloom combine to make it a most beautiful rose. We take pride in sending out only selected, strong plants which will be a credit to us as original introducers of this great novelty.

New Yellow Soupert, Mosella. A lovely new addition to the Soupert family, and has its free-flowering habit. The color is a white tint on beautiful light yellow ground.

Pink Soupert. A very free-flowering variety, much resembling Hermosa, but more double. The habit of the plant is almost identical with C. Soupert.

White Soupert. (*Clothilde Pfitzer.*) The genuine White Soupert, identical with Clothilde Soupert in every way except in color, which is ivory-white. It is free blooming and hardy. Every rose garden should contain this grand variety.

Red Soupert. (*Ma Petite Andree.*) This color has been long sought after to complete the Soupert class of unequalled bloomers. A strong dwarf and compact grower, covered constantly with full and double brilliant crimson flowers. One of the most useful of roses.

SPECIAL OFFER No. 333A.

Any 3 Roses listed on this page for 30c; any 12 for \$1.10; any 100 for \$8.50, postpaid.

SPECIAL OFFER No. 333B.

Any 3 Roses listed on this page, 2 year old size, for \$1.10; any 12 for \$4.00; any 100 for \$30.00, by express only.

Brooklyn, June 10, 1903.

The plants you sent me arrived in good order and were packed with the utmost care, and hope next year you will repeat the same care. Thanking you for the prompt delivery, I remain,
Yours respectfully,
WM. J. McCARTY.



Bridesmaid.

Standard Collection of Ever-Blooming Roses

Bridesmaid. The flowers are very large size, and of fine, regular, full form, delightfully tea-scented; color, clear rose-pink. A free and constant bloomer; makes elegant buds for cutting.

Duchess de Brabant. Beautiful buds, deep rose-pink, edged with silver, bloom quickly and constantly; one of the best.

Etoile de Lyon. Flowers very large and double; always full of flowers, deliciously fragrant; color, chrome-yellow, deepening in center to pure golden yellow.

Golden Gate. The flowers are extra large size; very double and full, and delightfully fragrant; ground color, rich creamy white, is beautifully tinged with clear rose.

Hermosa. It would be a waste of words to write a lengthy description of Hermosa. It is too well known and too great a favorite. It is always in bloom and always beautiful; the color is a most pleasing shade of pink; very fragrant. A grand rose for bedding or pot culture.

Marie Guillot. Perfection in form; flowers large and double to center; holds first rank among White Tea Roses in purity of color and depth of petals. Best Tea Rose for outdoor bedding.

Marie Lambert. A strong, vigorous grower; pure white flowers; prolific bloomer. The buds are large and full, strong tea fragrance. Fine for bedding.

Meteor. No red rose is better for general purposes or gives as many perfect shaped flowers on nice, long stems. The color is rich velvety crimson, exceedingly bright and attractive. The plant is of vigorous growth and very free-flowering; a constant bloomer. Fine for summer bedding or pot culture.

Papa Gontier. A magnificent Red Tea. A strong grower, with fine healthy foliage; the buds are large and long. One of our best summer and winter bloomers.

Safrano. An old favorite. Bright apricot yellow, changing to orange and fawn, frequently tinted with rose. Desirable for outdoor planting and much prized for its fragrance and nicely shaped bloom.

We can furnish strong 2-year old plants of any of the above roses, each, 40c; any 3 for \$1.00; 12 for \$3.50.

Price, any of the above, each 10c; dozen for \$1.00, postpaid.

SPECIAL OFFER No. 335.

One each of the above 10 sorts for 80c, postpaid.

SPECIAL OFFER No. 334.

One each of the above 10 sorts, 2 year old size, for \$3.00, by express only.

12 Best Roses

for Cut Flowers during the Summer. ❖ ❖ ❖

This collection will keep you in Roses all Summer. Price, each, unless noted, 10c; 12 for \$1.00. Two year old, each, 40c; 12 for \$4.00, by express.

American Beauty. The largest, sweetest and best of all Hardy Roses. It is a genuine hardy everblooming rose. For immensity in size, rich color, exquisite form and delicious fragrance, it stands without an equal. It is a continuous bloomer, valuable both for house and garden culture. Color is a rich crimson; its fragrance is wonderfully sweet. Each, 20c; 3 for 50c; 12 for \$1.75.

Baldwin. It is claimed to be the largest flowering and freest blooming Hybrid Tea Rose in existence, and the most beautiful and satisfactory Rose for general planting ever offered. Large full flowers of fine form of bright, glowing carmine. The bud is long and pointed and as sweet as a June Rose. Each, 15c; 6 for 75c; 2 year old plants, by express, each 40c; dozen \$4.00.

Etoile De Lyon. One of the best and most beautiful yellow Tea Roses for general planting. It is of good constitution, one of the hardiest of the Teas, and may be had in bloom the entire year by proper treatment. The flowers are of good size, deep and full and very sweet scented; color, rich golden yellow.

"Liberty." Never has nature yielded to the painstaking hybridist and plant raiser a more beautiful or more satisfactory color than that seen in the new Hybrid Tea Rose, "Liberty," which today marks the limit of glorious deep, yet bright coloration in a family by no means deficient in warm, rich hues of crimson red. The flowers are of large size with thick, heavy petals. A continuous and free bloomer, and we predict a great future for this grand Rose. Each, 15c; 3 for 40c. Two year old, each, 40c; 3 for \$1.00.

Maman Cochet. One of the very best and most valuable Roses of recent introduction, especially for out-door blooming. The finest pink garden rose yet introduced. The flowers are of great size and very double; color, bright rose.

Mrs. R. G. Sherman Crawford. This lovely new hybrid is one of the few large flowering Roses that bloom constantly and are perfectly hardy. Color, deep rosy-pink, the outer petals tinted with pale flesh in quite a new and unique way; white at base of petals. The flowers are large, full and very fragrant, of perfect imbricated form, and freely produced, the plant blooming continually from early Summer to late Autumn. Each, 20c; 3 for 50c, prepaid. Two year old plants, each, 40c; 6 for \$2.00, by express.

Kaiserin Augusta Victoria. Color, soft pearly white, fragrant. It is valuable for cut flowers, so free that every shoot is invariably crowned with a magnificent flower; the finest of its class, and succeeds splendidly out of doors. Each, 15c; 2 for 25c.

Princess of Naples. Or a Pink American Beauty. The plant has the same foliage, habit and size of flowers as American Beauty, only the color being a delicate, satiny pink. The fragrance is excellent. The whole plant is covered with flowers in the main flower season. It is as hardy as the American Beauty, standing out Winters with light protection. Strong plants, each, 20c; doz., \$2.00. One year old plants, each, 35c; 3 for \$1.00, postpaid. Strong two year old plants, each, 50c; 6 for \$2.50.

Souv. De Pres. Carnot. An excellent Rose of recent introduction that has already become a great favorite. The flower is of large size, of exquisite shape, with heavy, thick, shell-like petals; buds long and pointed, similar to Niphetos, but very much larger and borne on stiff, erect stems; color, delicate rosy flesh, shaded a trifle deeper at the center. An extra good garden Rose. Each, 15c; 2 for 25c.

New Rose---Sunrise. The most beautiful Rose of its class yet introduced. This has made a sensation in England, and taken first honors wherever shown. In close bud form it shows the high brilliant colors seen only in the "Austrian-Copper," scarlet and yellow. As it opens the color deepens, the scarlet turning darker red, the yellow to orange and copper, the inside of the petal golden yellow. The open rose is large, perfectly double and of grand form. Each, 20c; 3 for 50c, prepaid. Two year old plants, each, 40c; 3 for \$1.00, by express.

Gruss an Teplitz. The reddest of all red roses. It is a rose for everybody, succeeding under the most ordinary conditions, blooming continuously all Summer. In color it is of the richest scarlet, shading to a velvety crimson as the flowers mature. Flowers are of large size both in the bud and when open, full and double; very fragrant; a free, strong grower and a most profuse bloomer. The foliage is extremely beautiful, all the younger growth being of a bronzy plum color. Young plants, each 15c; 2 for 25c. 1 year old plants, each 25c; 3 for 60c; 2 year old plants, each 40c; 3 for \$1.00, by express.



White Maman Cochet. This is a superb variety. It is identical with its parent, Maman Cochet (the queen all pink garden Roses), except in color of the flower, which is snow-white. The flowers are large and very double, making it of more than ordinary value in open ground.

SPECIAL OFFER No. 321.

For \$1.50 we will send postpaid 1 strong plant each of the 12 grand Roses described above; or 1 each of the two year old size for \$3.35, by express only.

20 Choice Ever-Blooming Roses.

Each, 10c; any 3 for 25c; 12 for \$1.00, postpaid. The Set of 20 beautiful roses for \$1.50, postpaid. 2 year old plants, each, 30c; 12 for \$3.00, by express. The set of 20 beautiful roses, all 2 year old size, for \$4.50, by express only.

Agrippina (China). An excellent rose for bedding or pot culture; continuous bloomer, color, fine velvety crimson.

Bridesmaid. The flowers are very large and of fine, regular, full form, delightfully tea-scented; color, clear rose-pink. A free and constant bloomer; makes elegant buds for cutting.

Bon Silene. A prime favorite on account of its delightful fragrance and strong growing qualities; color, deep rose, shaded carmine.

Cornelia Cook. Beautiful creamy white, buds of immense size and very double; a magnificent flower.

Dinsmore. Flowering very freely the whole season; flowers large and double; deep crimson; perfectly hardy. For prices, see above.

Duchesse de Brabant. Few Roses equal this in freedom of flowering; none surpass it in either fragrance or vigor; the flowers are rather loose when open; color, rose, heavily shaded with amber and salmon.

Golden Gate. A magnificent Rose with large, full, finely formed flowers; buds long and beautiful. Color, rich creamy white, tinged with golden yellow and clear rose. A free blooming beautiful variety.

Franciska Kruger. Especially adapted for beds or masses; the splendid flowers are deeply shaded copper yellow in color; very large.

Isabella Sprunt. Light canary-yellow. Extra good bloomer.

Meteor. A rich, dark, velvety crimson. Flowers large and double. One of the very best Roses for your garden. In bloom all Summer.

Mad. de Watteville. Color, white shaded with salmon; outer petals feathered with bright rose.

Mad. Joseph Schwartz. A strong, vigorous grower, and one of the hardiest Tea Roses for outdoor bedding. The flowers are cup-shaped and borne in clusters; color, white, beautifully flushed with pink.

Niphetos. An elegant Tea Rose, very large and double, deliciously sweet; color, pure white; highly valued for its lovely buds, which are very large and pointed.

Perle des Jardins. Unquestionably the finest yellow Rose for either Summer or Winter flowering. The flowers very large and double, of perfect form. Color, a rich shade of yellow.

Queen's Scarlet. Rich, velvety crimson, beautiful in bud. The best of all the crimson bedding varieties; very free flowering.

Triomphe de Pernet. Bright crimson; large, full, double flowers; very fine bedder.

Souvenir de la Malmaison. A noble rose; flower is extremely large and double; color, flesh white, clear and fresh. Has been considered the finest Bourbon Rose for many years. Its great beauty in the Fall makes it the finest of all roses at that season.

Souvenir de Wootton. A remarkably brilliant and striking ever-blooming rose. Bright magenta-red, passing at base to fine crimson; flowers large, full, very sweet.

Sunset. One of the richest colored roses in the Tea section; a rich golden amber or old gold, elegantly tinged and shaded with ruddy copper. The flowers and buds are extra large, full, finely formed and deliciously perfumed. The plant is a strong grower and very free bloomer; fine for both open ground and pot culture.

The Bride. The most popular white rose for Winter flowering. The flowers are very large and double, on long, stiff stems, of fine texture and substance, and last a long time in a fresh state after being cut, making it one of the best varieties for corsage wear or bouquets. During extreme hot weather it becomes a pinkish white, at other times a beautiful pure white.



Golden Gate

See Bargain Collections on page 107.



Crimson Rambler.

Dorothy Perkins.



Climbing Clothilde Soupert.

Twenty-two Beautiful Climbing Roses

Crimson Rambler. One of the striking characteristics of this Rose is its remarkable color, which is of the brightest crimson and remains so to the end. The flowers with which the plant is covered are produced in large trusses of pyramidal form and carrying thirty to forty flowers, which remain on the plant a long time. The foliage is bright green and glossy and contrasts finely with the bright crimson of the Rose. The plant seems to be as hardy as the old *Prairie Queen*. Every garden should contain this grand Rose. Price, strong young pot plants, by mail, each, **15c**; doz., **\$1.50**. Strong one year old plants, by mail, each, **25c**; doz., **\$2.50**. Strong two year old plants, by express, each, **40c**; doz., **\$4.00**. Selected two year old plants, by express, each, **50c**; doz., **\$5.00**. Mammoth size, three year old, by express, each, **\$1.00**; doz., **\$10.00**.

Yellow Rambler (Aglaia). The flowers are borne in clusters, after the same manner as the *Crimson Rambler*. The color is a decided yellow.

White Rambler (Thalia). Almost identical with *Crimson Rambler*, but that the flowers are pure white and sweetly scented.

Pink Rambler (Euphrosyne). What is said of *White Rambler* applies equally to this, except the color of the flowers is pink.

Price: Strong growing plants from 2½-inch pots, each, **15c**; 4 for **50c**, postpaid. Two year-old plants, each, **25c**; 3 for **60c**. Large three year old dormant plants, by express (this is the best size to give you good satisfaction), each, **50c**; 3 for **\$1.25**; 6 for **\$2.50**.

SPECIAL OFFER No. 315—One each of the 4 Rambler Roses in strong, two year old plants for **\$1.00**, by express; or one young pot plant of each for **50c**, postpaid.

The Philadelphia Crimson Rambler. It differs from the *Crimson Rambler* in two important particulars. First, the color is brighter, deeper and more intense. Second, the flowers are perfectly double to the center. It is a strong, healthy grower, free and abundant bloomer. Each, **25c**; doz., **\$2.50**. Two year old plants, each, **60c**; 12 for **\$6.00**.

Climbing Clothilde Soupert. It is a vigorous grower, forming canes 15 feet in one season, and covered with large clusters of flowers all Summer. Flowers are large, double and a beautiful shell pink, forming the buds in clusters. Perfectly hardy and will stand any kind of weather. Two year old plants, each, **50c**; 6 for **\$2.00**, by express. Small plants, each, **15c**; 8 for **\$1.00**, prepaid.

Cumberland Belle. A True Climbing Moss Rose. This is a grand novelty. Grows 15 feet in the first season. The flowers are full and double, and of a soft silver rose color. The buds are nicely mossed and deliciously fragrant. Two year old plants by express, each, **50c**; 3 for **\$1.25**.

Dorothy Perkins. New Rambler Rose. As hardy as *Crimson Rambler* and same habit of growth. The flowers are about one and one-half inches across; are borne in clusters of from ten to thirty, and are very double; the petals are very prettily rolled back and crinkled. The color is a most beautiful shell pink and holds a long time without fading. Young pot plants, by mail, each, **20c**; 4 for **60c**; doz., **\$1.50**. Strong two year old plants, by express, each, **50c**; 3 for **\$1.25**.

Four New Hardy Climbing Roses. Electra. Brilliant yellow, very double Summer long. Vigorous vine. A fine companion for *Climbing Soupert*.

Leuchtstern. Gleaming rose color with distinct white eye; large single flowers of *Cineraria*-like appearance. Hardy and profuse. Fine for pillars.

Psyche. In growth and habit it much resembles the *Rambler*. The color is white, suffused with salmon-rose and pink. A real companion to the *Crimson Rambler*. Large three year old bushes, each, **50c**; 6 for **\$2.50**, by express.

Rubin. Very bright ruby color. Flowers larger and more double than *Crimson Rambler* and in looser clusters; foliage darker green; in freedom and hardiness equally good.

Except where otherwise noted, price on the above New Roses is as follows: Two year old size only, each, **50c**; 3 for **\$1.25**; dozen, **\$4.00**, by express. The set of 4 New Roses for **\$1.50**, by express.

Three Old Favorites in Hardy Climbing Roses. Large two year old dormant bushes, 3 feet high. Each, **30c**; 4 for **\$1.00**; 12 for **\$2.50**, by express.

Baltimore Belle. Your yard is not complete without this grand Rose. Will grow fifteen feet in one year, and be covered with clusters of large double flowers of a pale blush color.

Seven Sisters. Rapid climber; flowers in clusters of seven. Color, clear pink.

Prairie Queen. A favorite with everyone. If you want a Rose for your porch, this is the one. Color, bright red, changing as the flower opens to deep pink.

New Hardy Memorial Roses. These hardy and lasting Roses creep over the ground like Ivy. The leaves are glossy dark green.

The flowers are borne in clusters profusely during July and August. Used extensively for covering graves, rock work, embankments, etc. We offer five of the best sorts. Each, **15c**; any 3 for **40c**; the 6 for **60c**. Large two year old plants, each, **30c**; any 4 for **\$1.00**, by express.

Evergreen Gem. A single plant four years old covered a space of 240 square feet with long shoots, and completely covering the ground with its bright, glossy foliage, which is evergreen. Flowers are produced singly on stems; color, creamy white; perfectly double.

Manda's Triumph. Double white; large, free and fragrant.

Pink Roamer. Single flowers, 2 inches in diameter; bright, rich pink.

South Orange Perfection. Double flowers; color, soft blush, pink at tips.

Universal Favorite. Double flowers, over 2 in. in diameter and of a beautiful rose color.

Wichuraiana. Flowers pure white, single. Grows 10 to 12 feet in a season.

Tender Climbing or Pillar Roses. Climbing Meteor. Flowers large and of that rich, dark, velvety crimson color seen only in the *Jacqueminot*. Strong, well-rooted plants, each, **15c**; 6 for **50c**. Two year old plants, each, **40c**; doz., **\$4.00**, by express.

Marechal Niel. A Rose so famous as to hardly need a description here. The most beautiful large golden yellow grown, **15c**; 3 for **25c**. Two year old size, each, **40c**; 3 for **\$1.00**, by express. Four year old size, 6 to 8 foot canes, each, **\$2.50**, by express.

Mrs. Robert Peary. The flowers are extra large, pure white and double. The most remarkable feature of this variety, however, is that it blooms continuously the first year. Each, **15c**; 3 for **40c**. Two year old plants, **40c**; 3 for **\$1.00**, by express.

Mary Washington. The flowers are pure white, quite double and fragrant, blooming in clusters and very profusely; is hardy with slight protection. Two year old plants, each, **25c**.

See Bargain Collections on page 107.



MRS. R. G. SHERMAN CRAWFORD.

Collection of

Twelve Best Hardy Garden Roses

American Beauty. This variety has been rightly described as an everblooming Hybrid Perpetual. The flowers are very large and double; color, a deep rich rose. The fragrance is delightful. Each shoot produces a bud.

Anna de Diesbach. Bright rose color; very large and showy; particularly fine in bud; flowers slightly cupped; a vigorous grower; one of the best.

Baron de Boustetten. Dark red, almost black; very large, double, fragrant flowers.

Clio. The flowers are perfection in form. Color, delicate satin blush with a light shading of rose pink in the center. Very free blooming.

General Washington. This splendid rose is one of the best; color, bright shining crimson; flowers large and perfectly double; blooms almost constantly.

Kaiserin Augusta Victoria. One of the best white roses for Summer bedding. Large flowers produced in great profusion all Summer. Should be protected in Winter.

Margaret Dickson. The flowers are of the purest white, of extra large size and of grand substance. Free flowering and strong grower.

Mad. Charles Wood. A continuous bloomer of dwarf, compact habit. Flowers are large and very double, of a deep crimson shade.

Mrs. R. G. Sherman Crawford. This lovely new hybrid is one of the few large flowering roses that bloom constantly and are perfectly hardy. Color, deep rosy-pink, the outer petals tinted with pale flesh in quite a new and unique shade; white at base of petals. The flowers are large, full and very fragrant, of perfect imbricated form and freely produced, the plant blooming continually from early Summer to late Autumn.

Paul Neyron. Deep shining pink. Flowers often five inches in diameter. It is a good strong grower; almost thornless. Considered the finest pink rose.

Persian Yellow. The hardy yellow rose of our mother's garden. Perfectly hardy; flowers semi-double; golden-yellow color.

Souv. de la Malmaison. Rich flesh color, beautifully shaped double flowers. A grand rose in every way. Should be protected in Winter.

PRICE:—Extra strong 2-year old field grown plants, by express, each, 40c.; dozen, \$4.00. After May 1st we can furnish growing plants in 5-inch pots, each, 50c.; dozen, \$5.00.

SPECIAL OFFER No. 317. One each of the twelve roses, 2-year old size, for \$4.00, by express.

TREE OR STANDARD ROSES. These roses are grafted on hardy stalks 4 feet high. We offer them in white, pink, red and crimson. Tree roses with two colors, red and white, on one stem. Crimson Rambler Rose, grown to tree form; 3 feet clear stem; large bushy top. Each, \$1.50; 3 for \$3.00; 12 for \$7.50, by express.

MOSS ROSES. Extra large 2-year old plants, field grown, dormant, 30c.; 4 for \$1.00. By express, dozen, \$2.40.

Blanche Moreau. The best white Moss Rose. Flowers are produced in clusters and are large, full and sweet. Color is pure white.

Pink Moss. Rose color; flowers beautifully crested.

Red Moss. Rich, glossy pink, tinged crimson; large globular flowers; finely mossed.

ENGLISH SWEET BRIAR ROSES.

Highly prized on account of the delightful fragrance of their leaves and young branches. Strong 2-year old bushes. Each, 40c.; 4 for \$1.00, by express; per 100, \$20.00.

RUGOSA ROSES.

Rugosa Alba. Crowded with clusters of pure white flowers; foliage dark green and glossy; its large, scarlet fruit being very handsome in the Autumn.

Rugosa Rubra. Identical with the above, except in the color, which is a beautiful red.

Mad. Geo. Bruant. Blossoms in clusters. Semi-double pure white flowers. Fine for cemetery planting.

Price, strong 2-year old bushes, each, 30c.; the 3 for 75c., by express; dozen, \$3.00; per 100, \$20.00.

"Field-Grown" 2-Year Old Hardy Hybrid Perpetual Roses

The Hybrid Perpetuals

are considered the most valuable of all roses. They are chiefly distinguished for their vigorous growth and fine, large flowers and for being entirely hardy. They are particularly valuable for permanent beds or borders in the northern and middle states. Many of them flower the entire Summer; others flowering through the month of June and again in August and September. The flowers are large, often measuring five to six inches in diameter; very fragrant and of all the colors known to the rose. If you wish to enjoy a glorious sight, set out a row of these roses in a trench filled with manure and strong soil (well mixed together), and you will be well repaid. Set these plants fifteen to eighteen inches apart. When planting care should be taken to set plants deeply, planting them at least two inches above the first joints or branches and pounding the soil firmly around the roots. Cut shapely and keep well trimmed and the dead wood removed.

Twenty-Four Choice Hardy Garden Roses

Alf. Colomb. Bright cherry-red, shaded crimson.

Ball of Snow. Pure white; very free blooming.

Baroness Rothschild. Rich satiny pink; one of the best.

Coquette des Alps. Pure white, center shaded rose.

Captain Christy. Delicate flesh color; one of the best.

Fisher Holmes. Dark rich scarlet; large flowers.

General Jacqueminot. Rich velvety crimson; very fine.

Giant of Battles. Bright red; very large; full and sweet.

Glory Lyonnaise. Light creamy yellow; distinct.

John Hopper. Brilliant rose pink; cup shaped flowers.

La France. Pink satiny rose; a constant bloomer.

Mad. Caroline Testout. Satiny pink; blooms all Summer.

Madam G. Luizet. Shell pink; large and fine.

Mad. Plantier. The best white rose for general use.

Magna Charta. Clear rosy red; a beautiful rose.

Marshall P. Wilder. Bright scarlet crimson.

Marie Bauman. Bright carmine; very large; fine form.

Mrs. John Laing. Beautiful soft pink; very free flowering.

Mabel Morrison. Pure white; a lovely rose.

Merveille de Lyon. Creamy white, shaded rose.

Pæonie. Light red; pæony shaped flowers.

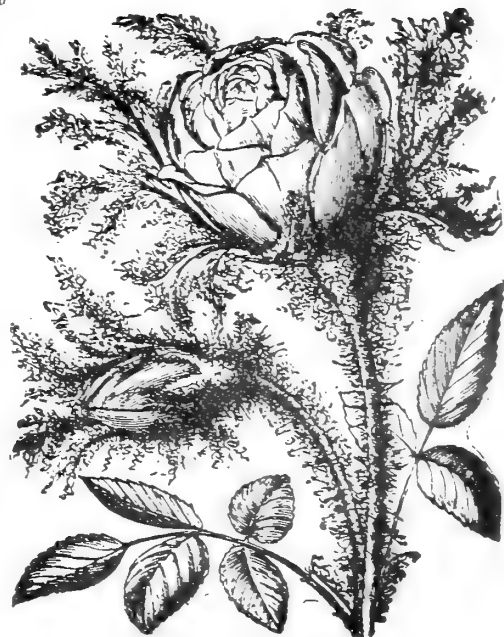
Prince Camille de Rohan. Velvety crimson, shaded scarlet.

Perle des Blanches. A finely formed pure white rose.

Ulrich Brunner. Bright cerise red; a magnificent rose.

PRICE:—Extra strong 2-year old field grown plants, by express, each, 30c.; dozen, \$3.00; per 100, \$20.00.

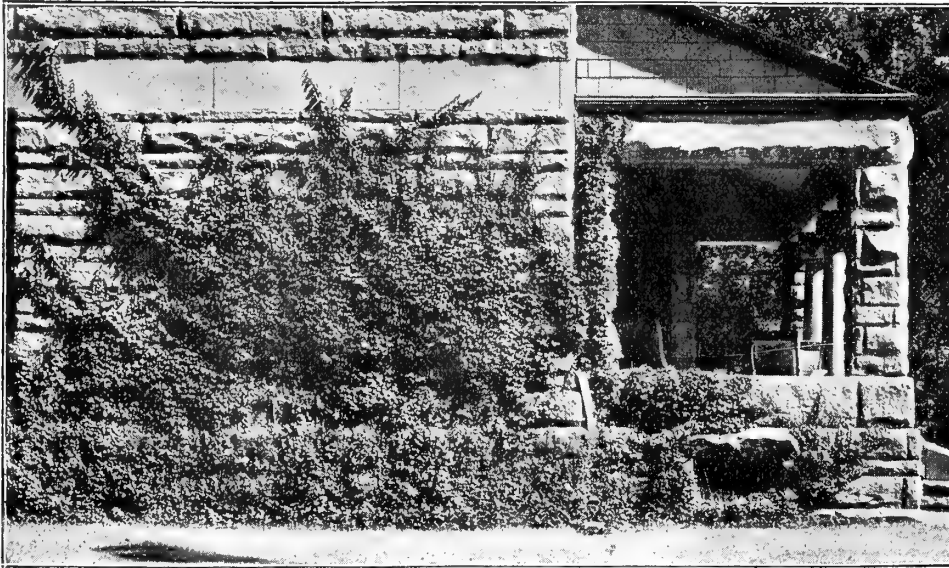
SPECIAL OFFER No. 316. One each of the 24 above beautiful roses, 2-year old size, for \$5.00, by express. After May 15th, when too late for dormant stock, we can supply the above roses (which have been potted), growing in 5 and 6 inch pots ready to plant out without a check. Price, each, 40c.; doz., \$4.00.



MOSS ROSE BUDS.

Hardy Ornamental Climbing Vines

THE NEW AMPELOPSIS.



AMPELOPSIS VEITCHII ROBUSTA PURPUREA.

Ampelopsis Elegans. (The Variegated-Leaved Ampelopsis Veitchii.) Has the same habit as the Veitchii except that the leaves are variegated white and green, making a very handsome vine. Strong plants 2 to 3 feet long, each, 50c.; 12 for \$4.00.

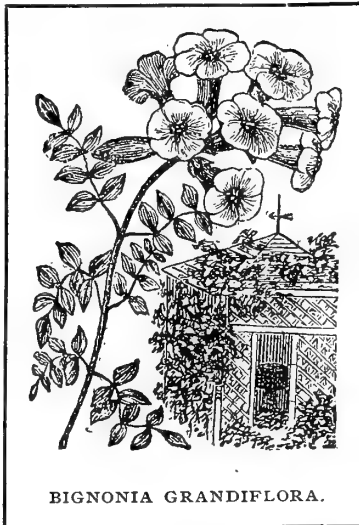
Engelmanni. Foliage large and abundant; similar to the Virginia Creeper, but quite distinct in having the self-supporting habit of *Ampelopsis Veitchii*. In this respect and also in brilliancy of coloring in the Fall it will rival the so-called "Boston Ivy." Hardy in northern states. One year old plants, each, 15c.; doz., \$1.25. 2 year extra strong, each, 40c.; doz., \$3.00.

Ampelopsis Quinquefolia. (Virginia Creeper.) Luxuriant in growth, with handsome foliage turning to bright crimson in the Fall. Very hardy vine for covering old tree trunks, walls or fences. **Each, 15c.; 4 for 50c., postpaid.** 3 year old plants, **by express, each, 25c.; doz., \$2.50.**

Large Flowering Clematis.

The royal purple of this splendid, everblooming flower may well be said to mark it as a prince among all hardy flowering vines. We presume every one of our customers who sees it bloom each Summer promises to plant it in his own yard or garden at the next opportunity. It is especially adapted to open lawns or house fronts in the city or country. Perfectly hardy; blooms the entire season, bearing beautiful and lasting flowers. The varieties we offer here are those best adapted to our climate.

Plant in a sunny spot in good garden soil, dug very deep, placing the crown of the roots $\frac{3}{4}$ inches below the surface of the soil. We recommend the application of well-rotted manure in holes a few inches away from the plant in opposite directions. The feeding roots reach out to these holes, which may be watered freely, with better success than when the manure is applied directly to the base of the plant.



BIGNONIA GRANDIFLORA.

SPECIAL NOTICE!

SPECIAL NOTICE! On account of the brittleness of the bark on Clematis, it cracks very easily, and many people believe the plant to be permanently injured when such is not the case. We issue this notice on account of the numerous letters we get on the subject. We wish to say also that we examine all plants carefully before shipping, to see that they are in good condition, and if they die after being received in good order we do not agree to replace them.

Extra Size Plants for Immediate Effect. Many of our customers desiring immediate effect, prefer this stock and we import from the best nurseries in Europe. **Price unless noted, strong 2 year old plants, each, 50c., prepaid. Extra strong 3 year old plants, 75c., by express.**

Clematis, "Ville de Lyon." Its blooming capacity is great and the flowers are of the most magnificent brilliant crimson; they are large, of beautiful circular form. **Each, \$1.50; 3 for \$4.00.**

Integrifolia Durand.—Strong indigo-blue flowers, 3½ inches across, from early June till late Fall, 4 to 6 feet high.

Jackmanni. This variety, with its strong, healthy growth, hardy nature and rich, deep velvety-purple flowers, is the most satisfactory of its class. Blooms with astonishing profusion from July to November on shoots of the present season; should be pruned early in Spring.

Jackmanni Alba. The white flowered Jackmanni.

Madame Baron Viellard. Light rose, with lilac shadings.

Henryi. (Bangholm Belle.) Strong grower, flowers always eight-sepaled, four to six inches in diameter and pure white. Very hardy.

Miss Bateman. Pure white, with chocolate anthers. This sort commences to bloom as soon as its leaves start in May.

Gypsy Queen. A rich, dark, velvety purple; a rank grower and a free bloomer. A very attractive and curious variety.

Duchess of Edinburgh. One of the best double whites, of vigorous habit, very free of bloom and deliciously fragrant.

Mme. Eduard Andre. An entirely distinct variety and the nearest approach to a bright red ever sent out. Color, carmine red.

Ramona. Single, lavender blue, about the largest Clematis known. Flowers are frequently 8 to 10 inches in diameter.

M. Koster. A bright rosy carmine of the largest size; a strong grower and free flowering.

Sieboldi. Flowers of largest size; a beautiful light blue in color.

Ampelopsis Veitchii Robusta Purpurea.

An Ampelopsis of very strong robust growth. The foliage is different than Veitchii or Boston Ivy. The leaves are a blue purple with a shining gloss finish, having all the other characteristics of the well known Boston Ivy. It will make double the growth of the Veitchii and stands our Winters better. We control the entire stock of this grand climbing plant and offer a limited quantity for sale this Spring.

	Each	Doz.
Price, small pot plants.....	\$0 20	\$ 2 00
" 2 year-old, Dormant Plants.....	I 00	10 00
" 3 " " " " " " " " " " " "	I 50	15 00

Ampelopsis Veitchii (Boston Ivy).

This very attractive clinging vine will be readily recognized by our readers when we remind them that its glossy ivy leaves overlap each other and its long delicate, young shoots stretch up the stone wall of our finest city residences. The tendrils at nearly every joint cling firmly to the smoothest surface of rock or wood. The glossy leaves assume in the Autumn the most beautiful tints of scarlet and crimson. The handsomest vine possible for growth on house walls, especially the foundation and the first story, round the doors and windows. It is quite hardy, but some protection of straw may well be used immediately around the plant in Winter. We quote many sizes. 10 inches, **15c.**; 2 feet, **25c.**; extra 3 feet, **40c.**; **3 for \$1.00, prepaid.** Or not prepaid, 10 inches, **5 for 60c.**; doz., **\$1.00**; 2 feet, **4 for 90c.**; doz., **\$2.00**; extra 3 feet, **6 for \$1.75**; doz., **\$3.00.**

Grafted Ampelopsis Veitchii. The same habit as Veitchii, except plants make a much stronger growth the first year; also much hardier. We can recommend these grafted plants to our customers. Large plants, three to four feet high, growing in pots, each, 50c.; doz., \$5.00, by express.

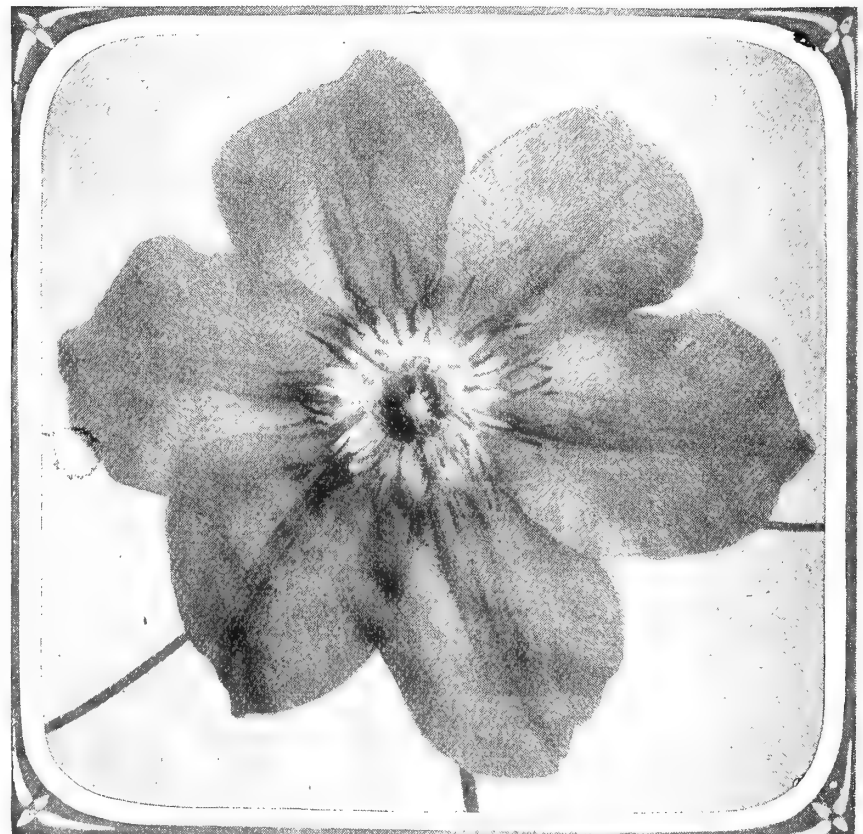
Muralis. Foliage similar to *Quinquefolia*; strong, rapid grower, clinging to walls without support; stand the hardest Winters. Two year old plants, each, 20c. Strong 3 year old plants, each, 40c.; 3 for \$1.00; 12 for \$3.00, by express.

ACTINIDIA Polygama, Silver-Sweet Wine. A new, hardy climber of remarkable beauty, from Japan. The foliage on the ends of the flowering shoots is of a silvery white color, which appear about the middle of June are creamy white with numerous stamens, with bright yellow anthers, and resemble the Lily of the Valley in fragrance. The growth is rapid and vigorous. Strong dormant plants, 3 year old, each, 50c.; 6 for \$2.50; 12 for \$4.00, by express.

AKEBIA Quinata. A beautiful, hardy, climbing vine. It often grows fifteen feet in a year and produces throughout the season large clusters of fragrant flowers, resembling Forget-me-nots. Each, 15c.; 4 for 50c., prepaid. Large vines, 6 to 8 feet long, each, 50c.; doz., \$5.00, by express.

ARISTOLOCHIA Siphon (Dutchman's Pipe). Very hardy, strong growing vine, with large peculiar, heart-shaped leaves. Curious pipe-shaped flowers of yellowish-brown. Large vines, 6 to 8 ft. long, each, 50c.; doz., \$5.00, by express.

BIGNONIA Grandiflora (Trumpet Creeper). Grandiflora is a great improvement on the old variety Radicans; the flowers are very large, trumpet shaped, of orange scarlet. Very useful for covering unsightly places, old stumps and rock work. 2 year old plants, each, 25c.; 12 for \$2.50. Large 3 year old plants, each, 50c.; 6 for \$5.00, by express.



CLEMATIS JACKMANNI.

VINES

(CONTINUED.)

By express at buyer's expense.
For mail offer see separate list on this page.



Small Flowered Clematis

CLEMATIS PANICULATA.

A vine of very rapid growth, quickly covering trellises and arbors with handsome, clean glossy green foliage. The flowers are of medium size, pure white, borne in immense sheets and of a most delicious and penetrating fragrance. The flowers appear in September, at a season when few other vines are in bloom. The extreme rapidity of growth, the showy foliage, beautiful and fragrant flowers and hardihood serve to make this one of the very choicest of recent introductions. Each, 20c.; 3 for 50c. 2-year field grown plants, each, 40c.; doz., for \$4.00; 100 for \$20.00. Large 3 and 4-year-old roots, each, 50c. to \$1.00, according to size.

Yellow Clematis (Graveolens). Single bright yellow. The flowers are four-pointed star-shaped and are larger than those of the Paniculata, being 2½ to 3 inches in diameter, and are borne in large long panicles throughout the late Summer and Fall till frost comes. The vine is a vigorous, rapid grower, entirely unaffected by Clematis diseases, and forms a splendid covering for an arch or trellis. The fern-like foliage is handsome in itself, being entirely different from any other Clematis. The bright lemon color of the flower is very pleasing, and this is the only Clematis having any yellow coloring. Strong 2-year-old field plants, each, 50c.; 3 for \$1.25; 6 for \$2.00.

NEW HARDY

CLEMATIS COCCINEA HYBRID.

An entirely new and distinct type of Clematis, the result of crosses between C. Coccinea and Star of India, combining all the good points of their parents in hardiness, vigorous, robust growth and freedom of bloom.

Countess of Onslow. Bright violet-purple, with a broad band of scarlet through the center of each petal; of open, bell-shape form.

Duchess of Albany. A beautiful bright pink; deeper down the center, softening to lilac-pink round the margin; campanulate in shape.

Duchess of York. A delicate and pleasing shade of pale pink, with a deeper tinge in the center of each petal; campanulate form.

Grace Darling. Bright, rosy carmine.

Each, \$1.00; the four for \$3.50, by express.

NEW CLEMATIS—Burbank's Seedlings.

The plants inherit the vigorous constitution of the Coccinea and the free-flowering habit of the Jackmanni. The shape of the flowers is more on the order of the Coccinea, being bell-shaped. The colors are varied, being all shades of blue, lavender and purple, as well as rose, pink and red. The plants we offer are raised by Mr. Burbank, and are the finest and most vigorous Clematis plants we have ever seen. We can only furnish these in mixture. Each, 50c.; 3 for \$1.35; doz., \$5.00.

VARIOUS TYPES OF CLEMATIS.

Two-year-old, price, each, 20c.; 3 for 50c. One each of the four for 65c.

Coccinea. Bell-shaped flowers, bright coral red; blooms from June until frost. A rapid grower; very free bloomer.

Crispa. Fine, deep blue, with a white border and deliciously fragrant.

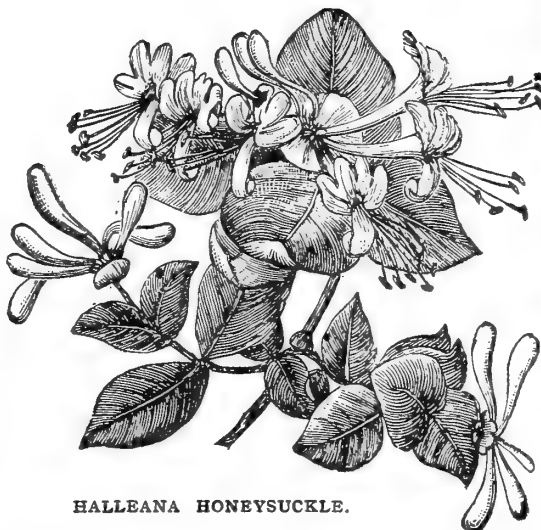
CLEMATIS — Continued.

Viticella. A strong grower, with pretty foliage and purplish-red flowers. Suitable for verandas and trellises.

Flammula (Virgin's Bower). Pure white; blooms in clusters; fragrant.

Celastrus Scandens (Climbing Bitter Sweet or Wax Work). A native climbing or twining plant, with handsome large leaves; yellow flowers in May and June and clusters of ornamental orange-capsuled fruit in Autumn; very lasting for decorative use. Strong 3-year-old vines, each, 50c.; 3 for \$1.25; 6 for \$2.00.

HONEYSUCKLES



HALLEANA HONEYSUCKLE.

Halleana. A vigorous grower; flowers yellowish-white; exceedingly fragrant and freely produced. Each, 20c.; 4 for 50c., postpaid. Large size, 2-year-old plants, each, 35c.; doz., \$2.50, by express at buyer's expense.

Japan Golden-Leaved (Aurea Reticulata). A handsome and desirable variety, with variegated foliage and yellowish-white flowers. 1-year-old plants, each 15c.; 5 for 50c., prepaid. 2-year old plants, each, 35c.; 4 for \$1.00, by express.

Scarlet Trumpet or Coral (Sempervirens). Very strong, rapid grower, with beautiful scarlet flowers all Summer. 1-year-old plants, each, 25c.; 3 for 60c., prepaid. 3-year old plants, each, 50c.; 3 for \$1.25, by express.

Sweet-Scented Monthly (Belgica). This is one of the most satisfactory of Honeysuckles; producing continuously large trusses of very fine, fragrant flowers, red and yellow in color. Each, 25c.; 3 for 60c. 3-year-old vines, each, 50c.; 3 for \$1.25, by express.

1 each of the above Honeysuckles, 1-year old size for 60c., postpaid; 1 each of larger size, \$1.50, by express.

MATRIMONY VINE, Lycium Sinense.

A well-known, hardy, fast growing vine; very handsome when covered with its scarlet fruit in Autumn; useful for covering screens or ledges, or any object, at short notice.

Strong 2-year-old plants, each, 35c.; 4 for \$1.00, by express.

Polygonum Baldschuanicum.

A grand addition to the select list of decorative hardy climbers; a recent introduction from the mountains of Turkestan. It is of rapid growth, frequently attaining a height of 10 to 12 feet in one season. The stems are twining and cling for support to any object within reach. Every branchlet terminates in a panicle of white, foamy flowers, which are produced during August and September.

Extremely showy. We highly recommend it. Strong plants, each, 75c.; 3 for \$2.00; 12 for \$6.00.

Special Offer No. 330.

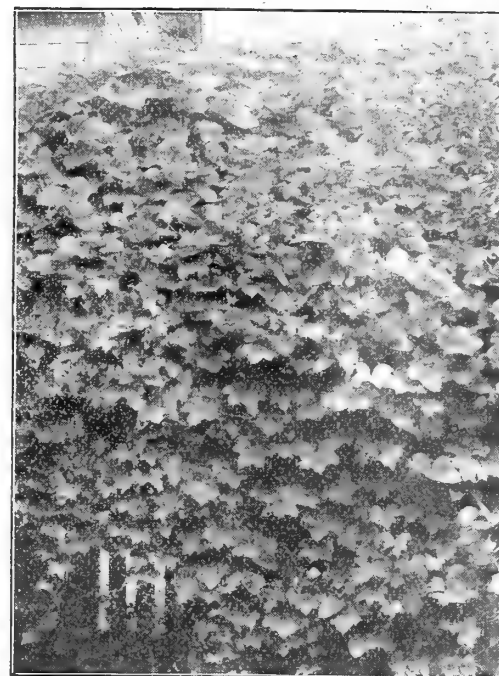
Twelve Hardy Climbing Vines, all different, all labeled, no two of the same class.

Our selection, 2-years-old, for \$3.50.

Our selection, 3-years-old, for 5.00.

By express at buyer's expense.

This splendid offer will give you a complete assortment for the home place. It is sure to please you now and later.



Jack-and-the-Bean-Stalk Vine.

Pueraria Thunbergiana, or Kudzu Vine.

Watch it grow. This new vine, with ordinary treatment, will grow 70 feet in one season, turning everything it covers into leafy loveliness and filling the air with the fragrance of its large clusters of Wistaria-like blossoms. In three months this wonderful Chinese Vine progresses as much as most vines do in five years. Adaptable to porches, arbors, fences, rockeries, old trees, etc. Perfectly hardy anywhere and in any soil; lasts 25 years or more. Strong 1-year-old roots, each, 40c.; 3 for \$1.00. Strong 2-year-old roots, each, 75c.; 3 for \$2.00, by express. Strong 3-year-old roots, each, \$1.00; 3 for \$2.50, by express.

WISTARIAS.

Alba. Flowers white, in drooping racemes. Large plants, by express, 3-years-old, 75c.; 6 for \$4.00.

Magnifica.

Dense clusters of purple-lilac flowers. 2-year-old, each, 25c. Large plants, each, 50c.; 6 for \$2.50, by express.



CHINESE WISTARIA.

VINES BY MAIL, Postpaid.

Fine Young Plants of the following Hardy showy kinds, each, 15c.; 3 of one kind for 40c.; dozen of one kind for \$1.50. Carefully labeled and packed; sent postpaid.

Special Offer No. 331.

Any 12 of the following kinds, your choice, for \$1.50, postpaid.
This is a bargain offer.

Akebia Quinata.
Ampelopsis Engelmanni.
" Muralis.
" Quinquafolia.
" Variegata Elegans.
" Veitchii.
Bignonia Grandiflora.
Clematis Flammula.
" Graveolens.
" Paniculata.
" Viticella.
Honeysuckle Belgica.
" Japonica.
" Aurea Reticulata.
" Halleana.
" Sempervirens.
Wistaria Magnifica (Blue),

HARDY PERENNIALS



ANEMONE QUEEN CHARLOTTE.

Acanthus Latifolius. Stately broad foliage, purplish-rose flowers in August and September; 3 feet high. Each, 20c.; dozen, \$2.00.

Achillea Millefolium Roseum. Flowers, pink in dense heads; 18 inches high; produced all Summer.

Achillea, The Pearl. The flowers are borne in great profusion and are pure white, double; 2 feet; blooms all Summer.

Aconitum Napellus (Monkshood). Large dark-blue flowers; 3 feet; August, September.

Aconitum Album. Similar, with white flowers. Each, 20c.; dozen, \$2.00.

Actæa Japonica (Baneberry). Showy dense spikes of white flowers; 2½ feet; September, October. Very desirable; new. Each, 40c.; dozen, \$4.00.

Adonophora Potanini (Campanula). Covered with clear blue flowers; 2 feet; July, August. Each, 20c.; dozen, \$2.00.

Agrostemma Coronaria (Mullein Pink). Silvery foliage, crimson flowers; 2½ feet; June and July. Each, 20c.; dozen, \$2.00.

Alyssum Saxatile Compactum. Clear, golden yellow flowers, fragrant and very showy. Dwarf, compact habit; 1 foot; blooms May and June.

ANEMONES—Japanese Varieties.

2 to 3 feet; flowering from August till November. "Beaute Parfaite." Semi-double white with blush. Each, 25c.; dozen, \$2.50.

"Honorable Jobert." Snow white. Each, 25c.; dozen, \$2.50.

"Prince Henry." Semi-double; dark red. Rare, unequalled. Each, \$1.00; dozen, \$10.00.

"Queen Charlotte." Large double pink flowers. The most popular of all.

"Rosea Superba." Soft silvery rose, remarkably free. Each, 20c.; dozen, \$2.00.

"Whirlwind." Is a hardy, strong and a free bloomer; large, white double flowers. One of the prettiest of hardy plants.

Other Varieties of Anemones.

Pulsatilla (Pasque Flower). Violet-purple, 9 to 12 inches; April or May. Good for rockery.

Sylvestris. Cup-shaped pure white flowers; finely cut leaves; 1 foot; May-July.

Sylvestris Flore Pleno. Double flowers. Each, 20c.; dozen, \$2.00.

Anthemis Tinctoria. Bushy habit, golden yellow flowers; 15 inches; blooms all Summer.

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Each, 15c.; three for 40c.; dozen, \$1.25, postpaid. If ordered to go by express, stronger plants can be supplied for the same price. Large plants, each, 25c., dozen for \$2.50, by express only.

Anthericum Liliastrium Major (St. Bruno's Lily). Grass-like foliage, white fragrant lily-like flowers; 2 feet; May and June.

Aquilegia Chrysantha. Golden yellow flowered variety; 3 feet; June-August.

Aquilegia Cœrulea. This is the true blue, one of the handsomest; 1 foot; June-August.

Arabis Alpina. A pretty plant for rock-work or borders, forming a dense carpet of glossy green foliage and pure white flowers; 6 inches; early Spring. Each, 20c.; 3 for 50c.; dozen, \$2.00.

Arabis Alpina Flore pleno. A distinct and pretty double-flowered form of the above; 6 inches; early Spring. Each, 20c.; 3 for 50c.; dozen, \$2.00.

Arundo Donax Variegata. A beautiful variegated giant grass. Foliage creamy white and green; growing 6 to 8 feet high. Each, 30c.; 2 for 50c. Larger size, each, 50c.

Asclepias Tuberosa (Butterfly Weed). Bright orange flowers; showy and beautiful; 2 feet; July to September.

ASTER (Michaelmas Daisy).

Amethystinus. Lovely blue; 3 feet; September-October.

Novæ Angliæ. Large bluish-purple with yellow center; 4 feet; September-October.

Novæ Angliæ Rubra. Bright rose-colored; 4 feet; September-October.

"Snowflake." Compact, pure white, free; 2½ feet; October. Each, 20c.; dozen, \$2.00.

Aster Alpinus Speciosus. Beautiful deep blue; 6 to 10 inches; May-June.

Aster Alpinus Superbus. Fine blue, very free; 6 to 10 inch; May-June.

Baptisia Australis. Deeply cut foliage, spikes of dark blue flowers in June and July; 2 to 3 feet. Each, 20c.; 3 for 50c.

Bocconia Cordata. Flowers in terminal panicles, of a creamy-white color; 6 to 8 feet; July and August.

Boltonia Asteroides. A beautiful native plant, growing 4 to 5 feet high producing white Aster-like flowers; July to October.

Boltonia Latisquama. Pink. 4 to 5 feet; July to October. Unsurpassed for the border.

Campanula Mirabilis (Bell Flower). New; pale blue; very free and showy; 2 foot; July and August. Each, 25c.; dozen, \$2.50.

Campanula Persicifolia Gigantea Moerheimi. A grand new variety; pure white, double; 18 to 24 inches; June and July. Each, 25c.; dozen, \$2.50.

Campanula Persicifolia Multiflora. New; wide open blue flowers freely produced. 2 feet; July-August. Each, 50c.; dozen, \$5.00.

Campanula Pyramidalis. Forming a perfect pyramid 4 to 5 feet high, crowded with large saucer-like blue flowers; July-August.

Campanula Carpatica (Hare-bell). Compact grower; 8 inches high; June-August.

Carex Japonica Variegata. A new ornamental Japanese striped grass, recurving; 9 to 12 inches. Each, 25c.

Chrysanthemum Maximum. Flowers, 3 to 4 inches across; pure white with yellow centers; 18 inches; June-August.

Chrysanthemum Maximum Radiatum. A novelty, with overlapping, twisted petals; very fine for cutting. Each, 50c.; dozen, \$5.00.

Chrysanthemums, Hardy Pompon.

Make a grand show, long and late, in the teeth of winter; 2 feet; October-November.

Bridesmaid. Light pink, dark edge.

Eagle d'Or. Good; orange-yellow.

Golden Fleece. Large; bright lemon-yellow.

Gold Nugget. Chrome yellow and bronze.

Julia Lagravere. Deep red.

Prince of Wales. Magnificent pure white. Each, 15c.; dozen, \$1.25.

The set of six Hardy Pompons for 75c., postpaid.



CHRYSANTHEMUM ULIGINOSUM.

Chrysanthemum Uliginosum. Large white flowers, freely produced from early August till November; 4 feet. Good.

Chrysogonum Virginianum (Golden Joint). A profusion of yellow flowers from June till September; 1 foot. Each, 25c.; dozen, \$2.50.

Cimicifuga Americana (Snake-root). Flowers white, in panicle racemes; 2 to 3 feet; August-September. Each, 25c.; dozen, \$2.50.

Clematis Davidiana. Large axillary clusters of fragrant blue flowers; of bushy growth; height, 3 feet; flowers in July. Each, 25c.; 6 for \$1.25. Large size, each, 40c.

Clematis Recta. Pure white; large and showy; 2 to 3 feet; June and July. Very fine. Each, 25c.; dozen, \$2.50.

Coreopsis Lanceolata. Flowers, bright golden yellow, blooming from June until frost; 2 to 3 feet.

Coreopsis Rosea. Flowers, pink; height, 6 inches; very pretty border plant. June to September.

Our Special Catalogue

OF SHRUBS, TREES AND HARDY PERENNIALS

will be sent on application. It contains a very complete list of ornamental and blooming shrubs and trees suitable for our western climate. It also describes and illustrates a very extensive list of Hardy Climbing Vines and Perennials.



BOLTONIA ASTEROIDES.

Hardy Perennials

(CONTINUED)

Price on all Hardy Perennials, except where noted, is as follows:

Each, 15c.; 3 for 40c.; doz. for \$1.25, postpaid. If ordered by express, stronger plants will be sent for same price. Large plants, each, 25c.; doz. for \$2.50, by express only.



SHASTA DAISY.

Shasta Daisy. Perfectly hardy, of easy cultivation and blooms for several months. The flowers are large, averaging a foot or more in circumference, with large broad petals of the purest white. One of Mr. Burbank's productions. One foot. June to October. Each, 30c.; 4 for \$1.00. Strong clumps, each, 75c.

Delphinium Formosum (Larkspur). Blooms from July to September. Large flower spikes, deep blue with white eye. Each, 15c.; doz., \$1.25. Larger size, each, 25c.; doz., \$2.50. Three to four feet.

Delphinium Grandiflorum Album. White. One of the best. 18 inches. July and August. Each, 50c.; doz., \$5.00.

Delphinium Hybridum "Albion." Semi-double pure white. Large spikes. A grand novelty 4 to 5 feet. June till late Fall, if kept cut. Each, \$1.00; 6 for \$5.00.

Delphinium Hybridum "Belladonna." Beautiful large sky-blue flowers in dainty spikes. From May till September. Excellent. 2 to 3 feet. Each, 25c.; doz., \$2.50.

Delphinium Hybrids. These grand Delphiniums are the handsomest of this class of plants and deserve a position in every garden. We can furnish them in mixed colors. Strong roots, each, 25c.; doz. for \$2.50.

Dianthus Barbatus (Sweet William). Large flowers in various colors in great trusses; blooms most all Summer. 18 inches. August to October.

Dianthus Plumarius (Pheasant Eye Pink). Single flowers in all colors, perpetual bloomers. 9 inches. July to October.

Dictamnus Fraxinella (Gas Plant). Fragrant foliage and curious flowers; rose-pink. 2½ feet. June and July.

Dictamnus Fraxinella Alba. Pure white.

Dielytra or Dicentra (Bleeding Heart). Graceful sprays of heart-shaped pink and white flowers, blooming in May or June. 18 inches

Digitalis (Foxglove). A handsome and highly ornamental plant of stately growth; height, 3 feet. June and July

Doronicum Caucasicum (Leopard's Bane). Bright yellow flowers, 2 inches across. 15 inches high. April and at later intervals.

Doronicum Excelsum. Orange-yellow flowers. 4 inches across. 18 inches high. April and May. Each, 25c.; doz., \$2.50.

Echinacea Purpurea (Giant Purple Cone-Flower). Reddish purple flowers. 4 inches across.

Echinops Ritro (Globe Thistle). Thistle-like foliage, globular, metallic-blue flowers. 4 feet. July and August.

Erianthus Ravennæ (Plume Grass). Forming dense tufts of narrow foliage, 9 to 10 feet high, with freely produced spikes of inflorescence. Each, 25c.; doz., \$2.50.

Erodium Manescavi (Crane's Bill). Pinnate leaves. Umbels of purplish-red flowers. 1 to 2 feet. May to September. Each, 25c.; doz., \$2.50.

Eryngium Amethystinum. Finely cut spiny foliage, amethyst-blue thistle flowers. 3 feet. May to September. Each, 25c.; doz., \$2.50.

Eryngium Giganteum (Ivory Thistle). Pale glaucous-blue foliage and blue flowers. Very distinct. 3 to 4 feet. May to September. Each, 25c.; doz., \$2.50.

EUPATORIUM.

Ageratoides (Thorough-Wort). A useful border plant of strong free growth, 3 to 4 feet high, producing minute white flowers in dense terminal heads during August and September.

Cœlestinum. A pretty hardy plant with light-blue flowers, similar to the *Ageratum*; begins to flower in August and continues until frost. 18 to 24 inches high.



ERYNGIUM AMETHYSTINUM



ADIANTUM PEDATUM.

These beautiful flowerless gems are easily handled, requiring little care and give general satisfaction. Many dreary places, shut in from sunlight, can be made brighter by a clump of ferns.

Adiantum Pedatum (Maiden Hair). One of the prettiest. Grows about one foot high; in rich shades.

Aspidium Acrostichoides (Christmas Fern). An ever-green species, about 1 foot high, with deep green fronds.

Aspidium Cristatum. This species grows from 1 to 2 feet in wet, swampy places, with fronds about 3 inches wide.

Aspidium Marginale. Fronds 1 to 2 feet in length, 3 to 5 inches wide.

Aspidium Spinulosum. A very pretty ever-green species, about 15 inches high, with finely dissected fronds about 4 inches wide.

Collection of Ten Hardy Ferns

Each, 20c.; 3 for 50c. The collection of 10 for \$1.50; small roots by mail. Larger roots, each, 25c.; 10 for \$2, by express.



ASPIDIUM SPINULOSUM.

Asplenium Felix-Fœmina. Grows from 1 to 3 feet. Fronds ovate, oblong in outline, the foliage fine and delicate.

Asplenium Augustifolium. A charming fern. Grows 1 to 3 feet high, with simply-divided fronds.

Asplenium Thelypteroides. Fronds 2 to 3 feet high, by 6 inches wide.

Onoclea Sensibills (Sensitive Fern). 1 to 2 feet. Wet places, open sun or shade.

Phegopteris Hexagonoptera (Beech Fern). A good fern for the shady corner; 7 to 12 inches wide, broader than long.

EULALIAS.

These are beautiful hardy grasses, forming large clumps from two to six feet high; perfectly hardy in all sections of the country.

Gracillima Univittata. Narrow green leaves, with a silver-white midrib. **Gracillima Japonica Variegata.** Striped lengthwise with green, white, and often pink and yellow. Very ornamental. 4 to 6 feet.

Japonica Zebrina (Zebra Striped Grass). The foliage is distinctly marked across the leaf with broad, yellow bands. It grows from 5 to 7 feet in height. Price of above three Eulalias, each, 25c.; doz., \$2.50. Strong clumps, each, 50c.; doz., \$5.00.

Hardy Perennials

(CONTINUED)

Price on all Hardy Perennials, except where noted, is as follows:
Each, 15c.; 3 for 40c.; doz. for \$1.25, postpaid. Large plants, each, 25c.; doz., \$2.50, by express only.



FUNKIA SUBCORDATA.

FUNKIA (Day Lily).

Funkia Lancifolia. Green lanceolate leaves. Dark blue flowers in August. 1 foot.

Funkia Minor Alba. Small growth. White flowers. July-August.

Funkia Ovata. Broad ovate leaf, bluish-lilac flowers. 18 inches. July-September.

Funkia Subcordata. Flowers pure white, on sprays 4 to 5 inches long. Broad, rounded pale green leaves. 18 inches. August-September.

Funkia Variegata. Green and white foliage, with purple flowers, borne in large clusters. 1 foot. July-August. Each, 15c.; doz., \$1.25.

The set of 5 Funkias for 65c.

Large plants, each 25c.; doz., \$2.50.

Gaillardia Grandiflora. Beginning to flower in June, they continue one mass of bloom the entire summer. Flower, 3 inches in diameter; center dark reddish brown; petals vary from scarlet-orange to crimson. Per 100, \$10.00.

Geum Atro-Sanguineum, fl. pl. (Avens) Large semi-double dark crimson flowers. 18 inch. July-August.

Geum Heldreichi. Fine foliage. Very free flowering. Orange. One of the best. 18 inch. July and August.

Geum Heldreichi Splendens. A giant form of the foregoing. Flowers twice as large. New.



GAILLARDIA GRANDIFLORA.

Gillenia Trifoliata (Bowman's Root). Bushy, handsome foliage. Numerous white flowers, tinged pink. 3 feet. June-July. Each, 25c.; doz., \$2.50.

Glyceria Spectabilis, fol. var. Graceful white and green striped grass with rose hue. 3 foot. Fine for wet places. A grand introduction.

Gunnera Scabra. Imposing foliage plant. Leaves 4 to 5 feet in diameter. Height, 8 to 10 feet. Protect the crown in winter from wet and frost.

Gypsophila Paniculata (Baby's Breath). Grows 2 to 3 feet high. Small white flowers. August-September. Dainty for cutting purposes.

Helenium Autumnale Superbum. Flowers deep yellow in branching panicles, produced in wonderful profusion; one of the most distinct and striking perennial plants. Flowers in September. 5 to 6 feet.

Helenium Hoopesi. Bright orange flowers. Showy and early. 3 to 4 feet. June to September.

Helenium Pumilum Magnificum. A new hybrid of profusest bloom. Large delicate yellow flowers. 2½ feet. June to September.

The set of 3 Heleniums for 40c.

Helianthus Multiflorus Plenus (Dahlia Sun-flower). Loaded with yellow flowers; excellent cut flower. 4 to 6 feet. August-September.

Helianthus Maximilliana. Yellow, long, graceful sprays. Fine for cut. 5 to 7 feet. September-October.

Heliopsis Pitcherianus. Blooms all summer. Height, 2 to 3 feet. Flowers, deep golden-yellow. July-September.

HOLLYHOCKS

These handsome, showy plants are at present great favorites. Their unique growth give them a welcome everywhere. As a background in large borders or beds of the lower herbaceous plants there is nothing better. For planting in rows or groups on the lawn, or interspersing among shrubs, they are invaluable. Our stock consists of fine well-grown field plants, ready to bloom this year, raised from the best strain of Chater's seed. Their flowers are large, double, handsome in form as a Camellia and of lively shades of color. Double white, double salmon, double yellow, double crimson, double pink. Price, each, 15c.; 3 for 40c.; doz., \$1.25. Larger plants, each, 25c.; 3 for 60c.; doz., \$2.00, by express.

New Everblooming Allegheny Hollyhocks. We can supply one-year-old plants of these, in mixed colors only, at 15c. each; 3 for 40c.; doz., \$1.25.

Iberis, or Hardy Candytuft. Of spreading habit, flowers pure white, completely covering the plant with bloom. Each, 20c.; 3 for 50c.; per 100, \$12.00.

Incarvillea Delavayi (Hardy Gloxinia). A new, hardy, tuberous-rooted plant; one of the choicest perennial plants of recent introduction. It produces large, rose-colored, trumpet-shaped flowers, which remain in perfection a long time. These are produced in clusters on stems 16-18 inches high. The plant is a vigorous grower. Each, 25c.; 3 for 60c.; doz., \$2.00. Large 3-year-old roots, each, 50c.; 3 for \$1.25.

Inula Ensifolia (Flea Bane). Bright yellow flowers all summer. 6 inches. Suitable for rockery.

Iris Florentina. Free blooming. Large white mother-of-pearl center. Very early.

IRIS GERMANICA German Iris (Fleur de Lis).

The German Iris is one of the most desirable early Spring-flowering plants.

Blue Bird. Early. Rich indigo blue.

Celeste. Tall. Pure sky blue.

La Tendre. Stands lavender blue; falls light blue; veined with violet.

Mad. Chereau. Tall. Pure white, penciled with violet, lavender center.

Pallida Speciosa. Stands deep lavender blue, falls rich plum.

Queen of May. Tall. Early. Bright rosy lavender.

Sampson. Dwarf. Late. Stands golden yellow; falls yellow veined dark red.

Trautlieb. New. Delicate pure rose color, shading to white center. Each, 25c.; doz., \$2.00.

Price, unless otherwise specified, each, 15c.; 3 for 40c.; doz., for \$1.50.

Set of 8 German Iris for \$1.00.

Mixed Colors. Each, 15c.; 3 for 30c.; doz., \$1.00.



HEMEROCALLIS KWANSO FL. PL.

HEMEROCALLIS

Aurantiaca Major (Yellow Day Lily). Price 50c. each. Orange-yellow. 2½ to 3 feet. June-July.

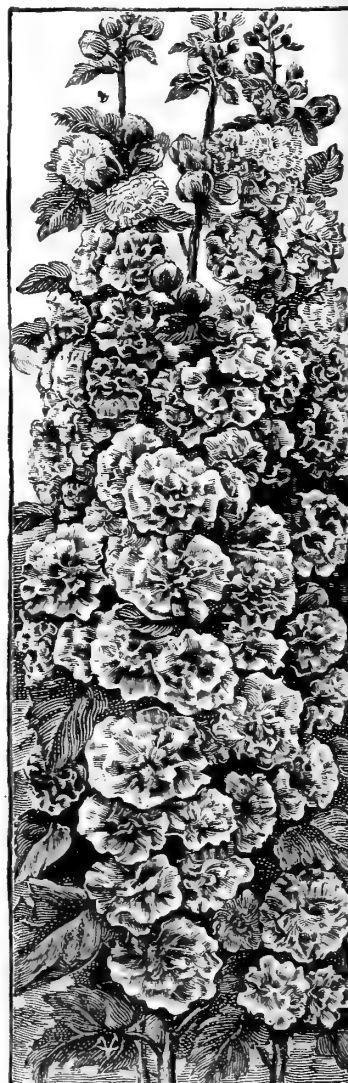
Dumortieri. Soft rich yellow, exterior bronzy-orange. 2 feet. June and July.

Flava. Fragrant yellow 3 feet. July and August.

Kwanso fl. pl. (Double Orange Day Lily). Double orange shaded copper. July-August.

The set of 4 Hemerocallis for 85c.

Hibiscus, Crimson Eye. Flowers immense in size, pure white, crimson center. 4 feet. July-August.



DOUBLE HOLLYHOCK.

Hardy Perennials—CONTINUED.

Price on all Hardy Perennials, except where noted, is as follows.

Each, 15c.; 2 for 25c.; doz. for \$1.25, postpaid. Large plants, each, 25c.; doz. for \$2.50; by express only.

JAPANESE IRIS.

These magnificent Iris are among the most beautiful of our Summer flowering plants. They commence blooming about the middle of June and continue in bloom 5 or 6 weeks. Many of the flowers measure 8 to 10 inches in diameter. Our collection, imported from Japan, consists of the very choicest. We omit the Japanese names, giving only the colors in both double and single. Pure White; Deep Blue; Violet; Reddish Blue; White, Yellow center; Light Blue; Purple; Bright Pink; Blue, Striped White; White and Pink; Mottled White; Purple and Crimson. Price, each, 20c.; 3 for 50c.; large clumps, each, 30c.; doz., \$3.00, by express. One each of 12 distinct kinds for \$3.00, by express. Choice mixed varieties, each, 15c.; 2 for 25c.

Iris Pumila Hybrida. A new race of large flowered dwarf early bloomers. Sweet scented. Varieties as follows:

Cyanea. Royal purple, with blackish shadings.

Eburna. Pure white with creamy shadings.

Excelsa. Clear ochre-yellow. Fine.

Florida. Beautiful chrome-yellow, shaded darker.

Formosa. Upper petals deep violet-blue, lower petals light violet.

Each, 25c.; doz., \$2.50.

THE SET OF 5 FOR \$1.00.

Lathyrus Latifolius. "Pink Beauty." (Pink Perennial Pea). Free blooming running vine; 10 feet. June to October.

Lathyrus Latifolius Ruber (Red Perennial Pea).

Lavender. The leaves are sometimes used for seasoning, but the plant is chiefly grown for its flowers, which are used in the manufacture of perfumery; 18 inches. July and August.

Liatris Gramenifolia. Flowers from August to October. Spikes two feet high of rich, rosy purple flowers.

Lily of the Valley. Clumps. See Hardy Lily page.

Lobelia Cardinalis. Rich, fiery cardinal flowers; 2 feet; July-September. Each, 20c.; 2 for 35c.; 12 for \$3.00.

Lychnis Chalcedonica fl. pl. Producing immense heads of scarlet flowers, extra fine. 2-3 feet. July to September.

Lychnis Viscaria (Splendens Plenus), (Ragged Robin). A showy double variety, with bright crimson flowers of a superior type. Good. 1 foot. June and July.

Lythrum Roseum Superbum. 3 to 4 feet high, producing large spikes of rose-colored flowers from July to September.

Mint. Old-fashioned mint; large clumps, each, 40c.

Mertensia Virginica (Blue Bells). Early Spring bloomer. Drooping panicles of light blue flowers, fading to pink. 18 inches. May and June.

Monarda Didyma. Large brilliant scarlet flowers in profusion. 3 feet. June to September.

Old Man or Rosemary. Strong clumps, each 40c.

Orchid-Cypripedium Spectabile. The handsomest of all hardy orchids. The broadly ovate sepals and petals are pure white, while the large inflated pouch is a beautiful soft, rich, rose color. 2 to 3 feet. June. Prices, large clumps 3 to 6 crowns, each, 35c.; 3 for \$1.00; per doz., \$3.50.

Pachysandra Terminalis. Low trailer, forming mats of glossy green foliage; small spikes of white flowers in May and June. Grows where grass fails; 6 inches; each, 15c.; doz., \$1.50; 100 for \$10.00.

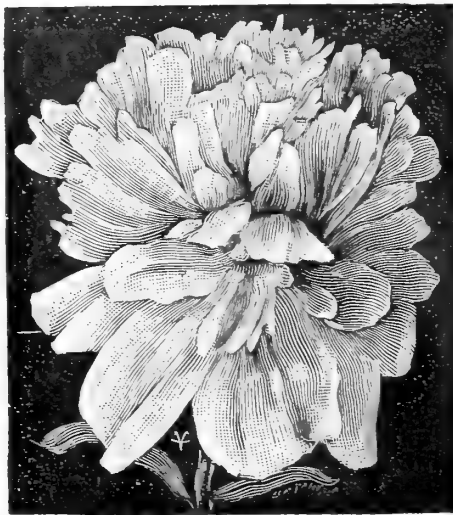


JAPANESE IRIS (KAEMPFERI).

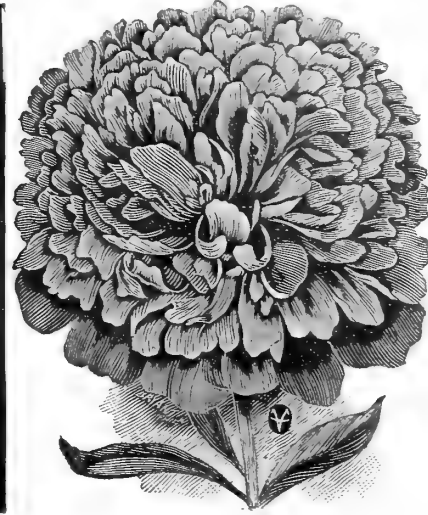
PAEONIES

Once planted they will last a lifetime with little care.

These great big-hearted flowers of June are coming again to be as much liked as they were by our grandfathers, and as they have always been by those wonderful Japanese gardeners. Paeonies will succeed in most any kind of soil, but give best results when planted in a deep, rich and somewhat moist loam. Our collection of Paeonies is one of the largest and choicest in this country, and we offer roots in all sizes at practically wholesale rates in order to give all of our friends and customers a chance to plant liberally of them.



FESTIVA MAXIMA.



GRANDIFLORA RUBRA.

DOUBLE CHINESE PAEONIES.

Price, unless otherwise noted.

1st size, 2-3 eyes, each, 35c.; 3 for \$1.00; 12 for \$3.50; 100 for \$20.00.

2nd size, 3-5 eyes, each, 50c.; 3 for \$1.25; 12 for \$4.50; 100 for \$32.00.

3rd size, 6-8 eyes, each, \$1.00; 3 for \$2.75; 12 for \$10.00.

Delicatissima. Delicate pink, circled with buff. Very large.

1st size, each, \$0.75; 12 for \$ 8.00.

2nd size, each, 1.25; 12 for 12.00.

Duchess de Nemours. Cup-shaped; sulphur-white with greenish reflex, fading to pure white. Late.

1st size, each, \$1.00; 3 for \$2.50.

2nd size, each, 1.50; 3 for 4.00.

Festiva Alba. A grand white, large in size, splendid full flower, exceptionally free in bloom.

Festiva Maxima. This is the most beautiful of all the white Paeonies. The flowers are of extra large size and petals fine as silk. Color, pure white with a crimson drop in center.

Each, \$1.00; 6 for \$5.75; 12 for \$11.00.

2nd size, each, \$1.50.

Golden Harvest. Very large tufted bloom, guard petals blush pink with a collar of lemon-yellow petals which fade to nearly white; a few of the center petals tipped with light crimson.

1st size, each, \$1.00; 12 for \$10.00.

2nd size, each, 1.50; 12 for 15.00.

Grandiflora Rubra. Extra large, perfect balls of blood red, magnificent flowers. Probably the largest Paeony in existence. A massive, late-blooming, superb variety.

1st size, each, \$0.75; 12 for \$ 8.00.

2nd size, each, 1.25; 12 for 12.00.

Humei. Pure, bright, deep rose; very vigorous grower; 6 to 7 inch deep, full heavy bloom; one of the finest colors of the very late Paeonies.

Lady Leonora Bramwell. Early; solid; silvery pink. Best of all pinks.

1st size, each, \$0.75; 12 for \$ 8.00.

2nd size, each, 1.25; 12 for 12.00.

Mad. Chaumy. Flower very large, double and full. Color, satiny pink.

Marie Lemoine. Large, full and convex. Color, sulphur white center petals edged pink. Very late.

1st size, each, \$1.00; 3 for \$2.50.

2nd size, each, 1.50; 3 for 4.00.

Ne Plus Ultra. Solid bright pink, very double; a good one.

Pottsii. Dark crimson, large flowers. Very fine.

Queen Victoria (Whitley). Broad white guard petals, with compact flesh-tinted center.

Rubra Triumphans. Early bloomer; flowers like glowing crimson satin, intense, rich and brilliant, very sweet scented.

1st size, each, 50c.; 12 for \$5.00.

2nd size, each, 75c.; 12 for 8.00.

Victoria Tricolor. Outer petals pale rose, mottled with pink; center ones yellowish-white, with a few red marks; very large, full and sweet.

Special Offer No. 336. One each of the above 15 choice Paeonies, in 1st size, for \$8.50, prepaid.

Special Offer No. 337. One each in 2nd size, \$12.50, prepaid.

PAEONY CLUMPS.

Of some of the above and a few other choice sorts (not mentioned) we can furnish extra heavy clumps at from \$1.50 to \$2.00 each, while our stock lasts.

EARLY DOUBLE PAEONIES.

Officinalis Rosea Rubra. The well known crimson variety of our grandmother's days. Each, 25c.; doz., \$2.50.

Officinalis Rosea. The well known deep pink variety. Each, 25c.; doz., \$2.50.

Paeonia Tenuifolia Fl. Pl. A very early distinct Paeony with wonderful fern-like foliage and handsome double red flowers in color like General Jacqueminot Rose. Each, 30c.; 4 for \$1.00. 2nd size, each, 50c.; 3 for \$1.25.

PAEONIES TO COLOR.

Double Crimson } All at the
" White } following
" Pink } prices:

1st size, 3 eyes and upward, each, 25c.; doz., \$2.50; per 100, \$18.00. Extra size, 5 eyes and upward, each, 50c.; 3 for \$1.25; doz., \$5.00; per 100, \$40.00. Mammoth size, each, \$1.00; 3 for \$2.50; doz., \$10.00.

The above prices include prepayment either by mail, express or freight. We can also supply in limited number and in colors as mentioned above, large undivided clumps, each containing ten to 15 eyes. Price, each, \$2.00; 3 for \$5.50; per doz., \$17.50.

SINGLE PAEONIES.

Three Fine Single Japanese Paeonies. Some of the Single Paeonies are even more beautiful than the double. They are large in size of flowers and more delicate in coloring. We offer white, crimson and rose. Each, 50c.; 3 for \$1.25, prepaid.

New Japanese Tree Paeonies. These Paeonies attain a height of 4 to 6 feet, and when in bloom present a most gorgeous appearance. Flowers of immense size, very double and in great variety of color. We offer four distinct varieties in the following colors: Bright rose, pure white, bright red, delicate flesh. Strong 2-year-old plants, each, \$1.00, or one each of the four colors for \$3.50, by express.

Hardy Perennials

(CONTINUED)



HARDY PHLOX

Price on all Hardy Perennials, except where noted, is as follows.

Each, 15c.; three for 40c.; dozen for \$1.25, postpaid. If ordered by express we can send stronger plants for the same price. Large plants, each, 25c.; dozen, \$2.50, by express only.

Pardanthus Sinensis (The Blackberry Lily). Orange colored flowers, succeeded by berries resembling Blackberries.

Penstemon. Blooms all Summer, ranging in all colors from pure white to deep crimson.

Phalaris Arundinacea Variegata. Variegated ribbon grass.

Phlox Divaricata. Large, bright lilac-colored flowers; fragrant; 10 inches: April and May.

Phlox Subulata (Moss Pink). Spreading stems and narrow moss-like leaves, flowers pinkish purple with dark center.

Physostegia Virginica. One of the most beautiful of our Summer flowering perennials, forming dense bushes 3 to 4 feet high, bearing spikes of delicate tubular flowers not unlike gigantic heather. Color, bright soft pink.

Physostegia Alba. Pure white; very fine.

HARDY GARDEN PINKS.

Each, 10c.; 6 for 50c.; large clumps, each, 20c.; dozen, \$2.00.

Her Majesty. The exquisite clove-scented flowers are produced in wonderful abundance on long stiff stems; they are perfectly double, exceedingly large, and in color clear white.

Jean Sisley. Pink flowers, red centers.

Juliet. This charming variety is a very distinct type; the blooms are produced in profusion and emit a clove-scented aroma; cherry red, variegated pink and white.

Platycodon Grandiflora. A constant bloomer from early Spring until Fall. Immense masses of bell-shaped flowers.

Platycodon Mariesi Macranthum. New Tuberous Rooted Clematis. Not a climber, but a low-growing bushy, herbaceous plant with handsome deep green foliage and bearing grand clusters of beautiful large bell-shaped flowers, lovely violet blue; from 1 to 2 feet high; needs no staking; blooms from early June until October.

Platycodon Mariesi Macranthum Alba. Similar to the foregoing, but with white flowers. New and very desirable.

Plumbago (Lead-wort) **Larpentae**. Of dwarf, spreading habit, growing 4 to 6 inches high; useful as an edging plant or for the rockery; covered with beautiful deep blue flowers during the Summer and Fall months. Each, 20c.; 3 for 50c.

HARDY PHLOX, EARLY FLOWERING.

These we consider the most desirable of all hardy perennials, flowering abundantly from July until late in the Autumn. These new French varieties are of a dwarf growth, seldom attaining a height over 12 to 18 inches. The immense flower heads often measure from 7 to 9 inches across with flowers as large as a silver dollar, and comprise all shades of colors, vermilion to white. They delight in sunny location and rich soil, but are by no means particular.

BEST NEW HARDY PHLOX.

Alceste. Large flowers, white shaded lilac, bluish-violet center. Very beautiful.

Coquelicot. The finest of all Phlox; brightest and most showy color. Extra large, compact flower heads. Color, bright orange-scarlet with crimson eye. A dwarf grower and profuse bloomer.

Henri Murger. Large flower; pure white with bright rose eye. Best of its color. Medium height.

Jeanne Liabaud. Light rosy pink with dark crimson center. Half dwarf. Very fine and distinct.

J. A. Kramer. Beautiful compact cone-shaped flower heads. Color, clear bridesmaid rose pink. Bushy grower. Height, 18 inches.

J. T. Temple. Flower heads large. Color, deep salmon-pink. Comes into bloom early and continues through the Summer. Dwarf compact grower. Height, 12 to 18 inches.

Madame Pape-Carpentier. Pure white without any marking. Finely formed flowers of the largest size. Bushy dwarf grower.

Montagnard. Large flowers of pure crimson. Very bright. An incessant bloomer. Medium height.

PRICE—ANY OF ABOVE. First Size (Pot grown plants): Each, 15c.; two for 25c.; doz., \$1.50, postpaid; per 100, by express, \$10.00.

Second Size (One year old field roots): Each, 25c.; doz., \$2.50, postpaid; per 100, by express, \$15.00.

Special Offer, No. 336—One plant each (first size) of the above eight kinds, \$1.00, postpaid.

Special Offer, No. 337—One plant each (second size), \$1.50, postpaid.

12 Unsurpassed Standard Sorts of Hardy Phlox.

Selected out of our stock of over fifty meritorious kinds. We recommend them.

Amor. Pure pink, center light flesh pink; dwarf grower.

Aquillon. Carmine rose, shaded salmon, crimson eye.

Beranger. White, suffused pink, crimson eye.

Boule de Feu. Salmon scarlet, dark eye; dwarf.

Cross of Honor. Magenta, bordered white, in the form of a Maltese cross.

Duquesclin. White, with dark crimson center.

Eclairer. Purplish crimson, very bright, with light halo.

Esclairmonde. Lilac suffused white, deep rose-colored eye.

Jocelyn. Bright salmon red; very brilliant.

Jeanne d'Arc. Fine late white.

Lothair. Salmon red with carmine eye.

Pearl. Large, perfect, pure white flowers.

First Size	Each, 15c.	Dozen, \$1.25	100, \$9.00
Second Size	Each, 25c.	Dozen, 2.25	100, 18.00
Third Size	Each, 50c.	Dozen, 5.00	100, 40.00

SPECIAL OFFER, No. 338.—One each of above 12 varieties, First Size, for \$1.50; Second Size for \$2.50; Third Size for \$5.50, prepaid.

PHLOX-SUFFRUTICOSA VARIETIES.

First Size, each, 15c.; per doz., \$1.50. Second Size, each, 25c.; per doz., \$2.50.

Snow Down. Pure white.

Circle. Pink with crimson eye.

Lady Masgrove. Red with white cross.

Mme. Fournier. White with pink eye.

POPPY PLANTS.

Poppy, Iceland. These range in color from the purest white and yellow to the deepest orange scarlet. Height, 12 to 18 inches. Often a hundred flower stems on a single plant. They bloom from June until October.

Poppy, Oriental, "Royal Scarlet." Mammoth scarlet flowers, with black center. Each, 20c.; 6 for \$1.00.

Poppy, Oriental, Mixed Colors. Large flowers ranging in color from white and yellow to the brightest scarlet; bloom all Summer.

HARDY PRIMROSES.

Primula Acaulis, Alba Plena (Primrose). Pure white, double and very free. Forces well; 6 inch; March-April.

Primula Cashmeriana. Close globular heads of dark violet-blue flowers; 1 foot; March-May.

Cortusoides Sieboldii (Japanese Primrose). Profuse bloomer; flowers dainty, finely cut, and in a variety of colors; 10 inch. April. Each, 25c.; dozen, \$2.50.

Elatior (Oxlip). Freely produced in umbels, many colors mixed; 1 foot; April-May.

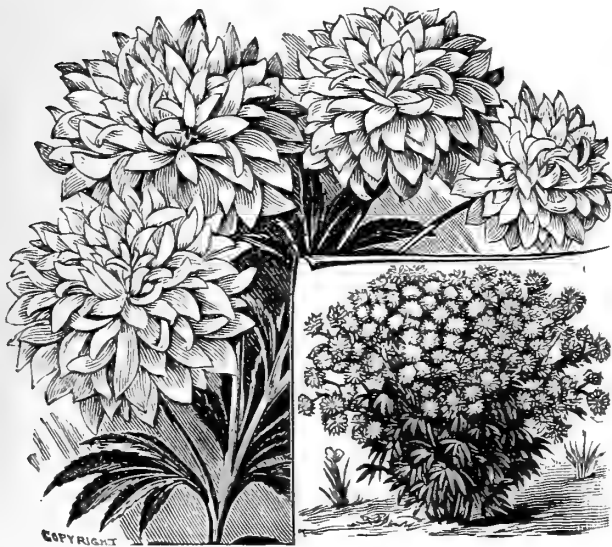


ORIENTAL POPPY, "ROYAL SCARLET."

Hardy Perennials

(CONTINUED)

Price of all Hardy Perennials, except where noted, is as follows: Each, 15c.; 3 for 40c.; dozen for \$1.25, postpaid. If ordered by express, stronger plants can be supplied for the same price. Large Plants, each, 25c.; dozen, \$2.50, by express only. . . .



PYRETHRUM.

Pyrethrum (Fever Few). Height, from 1 to 2 feet. Main season of bloom is in June. If old flower stems are removed they will bloom again in autumn.

Carl Vogt. White, very early. Each, 20c.; 6 for \$1.00.

Gloire de Stalle. Carmine; double. Each, 25c.; 6 for \$1.25.

James Kelway. Scarlet; splendid; single. Each, 20c.; 6 for \$1.00.

Little Gem. Pure white; blooms all Summer; double. Each, 15c.; dozen for \$1.25.

Mad. Munier. Flesh color; double. Each, 20c.; 6 for \$1.00.

Roseum. Rose colored; 1½ feet; single. Each, 15c.; dozen for \$1.25.

The Set of 6 Pyrethrums for \$1.00, postpaid

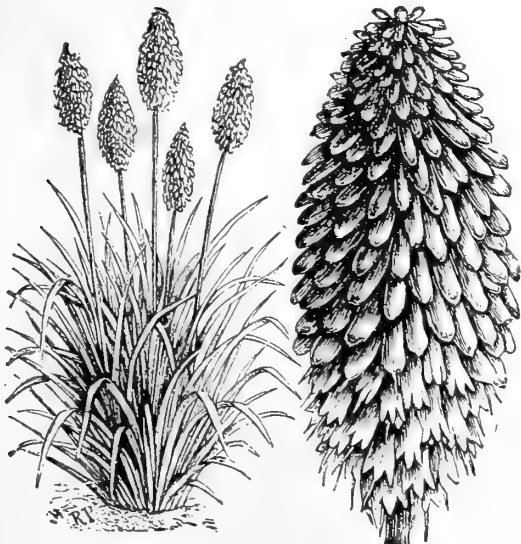
RUDBECKIA. Prices—see top of page.

Golden Glow. This is decidedly one of the brightest and most showy among the hardy plants and one of the easiest culture possible, commencing to bloom in July and continuing until killed by frost. The plant is compact, growing from 4 to 7 feet high, producing numerous stems which are laden with double golden-yellow flowers, in size and general shape resembling a Cactus Dahlia. Excellent cut flowers, lasting when cut. Per 100, \$8.00.

Maxima. A rare and attractive variety, growing 6 feet high, with broad, oval glaucous, green foliage and immense flowers, frequently 6 inches across, of bright yellow, with a cone 2 inches long. It flowers continuously from June to September.

Newmanni. Dark orange, yellow flowers with deep purple cone. Fine for cut; 3 feet; June-September.

Sub-Tomentosa. A pyramidal, densely branched plant 2½ feet high, a mass of brilliant lemon-yellow flowers with dark purple centers.



TRITOMA PFITZERII.

Scabiosa Caucasia. This is one of the handsomest of perennials. Flowers soft lilac blue. Each, 20c.; 3 for 50c.; large size, each, 40c.

Sedum Spectabilis (Brilliant Stone Crop). One of the prettiest erect-growing species, attaining a height of 18 inches, with broad oval, light green foliage and immense showy heads of handsome rose-colored flowers; indispensable as a late Fall-blooming plant. Each, 25c.; doz., \$2.50; large plants, each, 50c.

Solidago Virgaurea Nana. New dwarf goldenrod, golden-yellow feathery sprays; very fine; 18 inches; September. Each, 20c.; 6 for \$1.00.

Statice Latifolia (Great Sea Lavender). Forms large heads 2 feet across, composed of pyramids of lavender flowers. Each, 15c.; 2 for 25c.

Stokesia Cyanea (The Cornflower or Stokes Aster). Produces showy aster-like deep blue flowers which measure from 4 to 5 inches across. It is of the easiest culture, succeeding in any open sunny position. The plant grows from 18 to 24 inches high, blooming freely from July until frost. Each, 20c.; dozen, \$2.25; per 100, \$15.00.

Tritoma Pfitzerii (Red Hot Poker Plant). The greatest bedding plant ever introduced, surpassing the finest Cannas for attractiveness and brilliancy, showy as the Gladiolus as a cut flower, and blooms incessantly from June until November. Plants perfectly hardy with protection. Plants show from 6 to 20 grand flower stalks all the time, each holding at a height of 3 to 4 feet a great cluster of flame-colored flowers of indescribable beauty and brilliancy. Each cluster keeps perfect several weeks, and when it fades two or three more are ready to take its place. For cutting it is unsurpassed, as the beautiful long spikes keep several weeks in water. Strong plants that will bloom the first Summer. Each, 30c.; 4 for \$1.00; 12 for \$2.50.



VERONICA LONGIFOLIA SUBSESSILIS.

Trollius Japonicus Plenus. Brilliant orange semi-double flowers of loose transparent petalage, freely produced on stiff stems clear of the foliage; 2 feet; April-June. Each, 20c.; 6 for \$1.00.

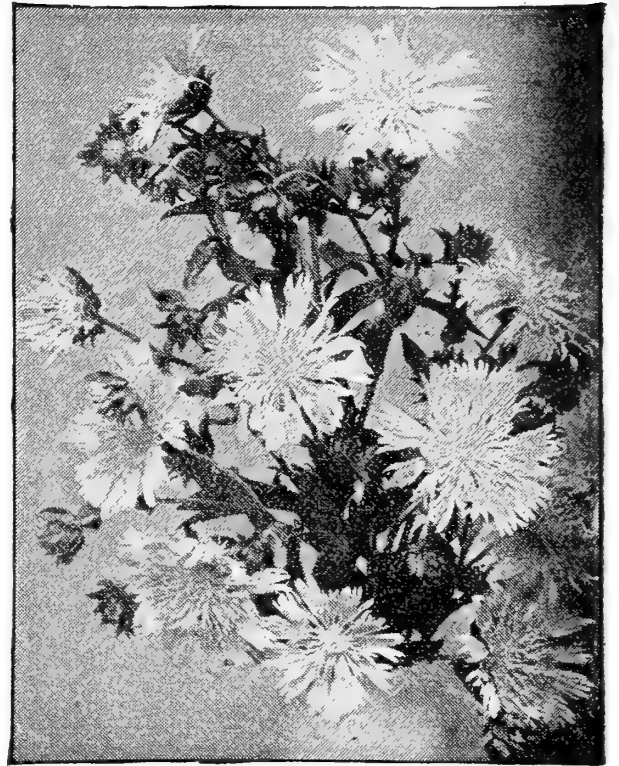
Trollius Hybrids. In many shades of yellow and orange, and varying also in form; 2 foot; May-August. Each, 20c.; 6 for \$1.00.

Uniola Latifolia (Spike Grass). One of the best of our native grasses, growing from 3 to 4 feet high, with large flat flower heads in graceful, drooping panicles.

Veronica Longifolia Subsessilis. A pretty species with blue flowers, produced on spikes a foot long, continuing in bloom the entire Summer and Fall; one of the best hardy flowers, and should be in every permanent border. Each, 20c.; 6 for \$1.00.

Veronica Spicata. An elegant border plant, growing about three feet high, producing long spikes of bright blue flowers. Lasts for weeks.

Yucca Filamentosa (Adam's Needle). Flowers pure white, drooping, borne upon long stems. A fine plant for the lawn or cemetery; hardy and evergreen. Each, 15c.; 2 for 25c. Large plants, by express, each, 25c.; 5 for \$1.00; or larger size, each, 50c.; dozen, \$5.00.



STOKESIA CYANEA

Hardy Shrubs by Mail Postpaid.

Fine young plants of the following handsome shrubs. Each 15c.; three of one kind for 40c.; doz. of one kind for \$1.50, carefully labeled and packed, sent postpaid.

Special Offer No. 340 Any 12 of the following shrubs, your choice, for \$1.50, postpaid. GREAT VALUE FOR MONEY. . . .

- Almonds. Double white and red.
- Altheas. Double white, red, pink and purple.
- Barberry Thunbergii.
- Purple-leaved.
- Buddleia Variabilis.
- Calycanthus Floridus.
- Colutea Arborescens.
- Corchorus Aurea.
- Variegata.
- Cornus (Dogwood). Variegated.
- Spaethii Aurea.
- Crataegus. Double Scarlet Thorn and Double White.
- Current. Crimson and yellow flowered.
- Cydonia Japonica (Japan Quince).
- Cytisus Laburnum, or Golden Chain.
- Deutzia Crenata, Fl. Pl.
- Candida.
- Fortunei.
- Gracilis.
- Lemcinei.
- Pride of Rochester.
- Eleagnus Longipes.
- Elder. Golden leaved.
- Gold spotted.
- Exochorda Grandiflora.
- Forsythia Fortunei Aurea.
- Viridissima.
- Fringe or Smoke Bush.
- Honeysuckle. Bush, white.
- pink.
- Hydrangea Paniculata Grandiflora.
- Lilac. Chas. X. Reddish purple.
- Le Gaulois, Double Crimson.
- Madam Lemoine, Double White.
- Persian, White and Purple.
- Rubra de Marley, Purple.
- Tree or Japonica.
- Common White and Purple.
- Philadelphus Coronarius, or Mock Orange.
- Privet California.
- Prunus Pissardi.
- Triloba.
- Ptelea Trifoliata Aurea. Golden-Leaved Hop Tree.
- Snowball Japan.
- Viburnum Sterilis. Old-Fashioned.
- Snowberry (Symphoricarpos Racemosus).
- Spiraea Anthony Waterer.
- Arguta Multiflora.
- Aurea.
- Billardi.
- Bumalda.
- Fortunei Rosea.
- Opulifolia Aurea.
- Prunifolia, Fl. Pl.
- Thunbergii.
- Van Houttei.
- Xanthoceras Sorbifolia.

See page 106 for Price List of Large Shrubs by express

ORNAMENTAL AND FLOWERING SHRUBS

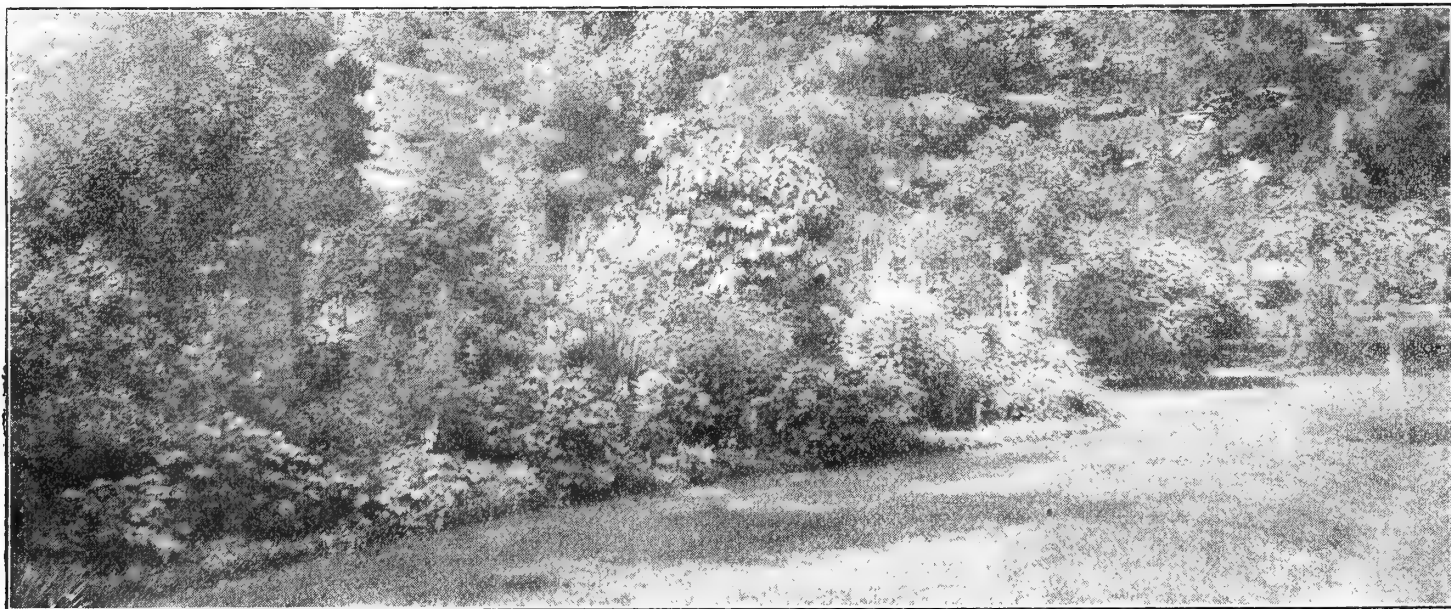


ILLUSTRATION .. OF .. SHRUB and PERENNIAL BORDER PLANTING.

From photograph of 100 foot lot at Western Springs, Ill. We can help you to as good a result. Write us for suggestions and estimates.

PRICES AND SIZES.

Please note that the prices below are based upon actual values. Shape, buds and roots are what you want, not merely height. We will only send out plants that are sure to give ultimate satisfaction. We have larger specimen plants and if ordered will supply them at proportionate rates.

2 to 3 foot size, each, 50c.; 3 for \$1.00; doz. for \$3.00.

3 to 8 foot size, according to the habit of the plant, each, \$1.00; 3 for \$2.00; doz. for \$6.00.

YOUR CHOICE of any of the following:

Almonds. Flowering, double white and red.
Altheas. Jeanne d'Arc. Double white.
 " Boule de Feu. Red.
 " Rosea. Pink.
 " Viola Plena. Violet.
Amorpha Fruticosa (Indigo Bush).
Barberry Thunbergii.
Buddleia Variabilis.
Calycanthus Floridus.
Chionanthus Virginica (White Fringe).
Clethra Alnifolia.
Colutea Arborescens.
Cornus (Dogwood). Variegated Elegans.
 " Spæthii Aurea.
 " White or red.
Crab. Bechtel's Flowering Crab.
Crataegus. Double Scarlet Thorn and double white.
Current. Crimson and yellow flowered.
Cydonia Japonica (Japan Quince).
Cytisus Laburnum, or Golden Chain.
Desmodium Penduliformum.
Deutzia. Crenata Fl. Pl.
 " Candida.
 " Fortunei.
 " Gracilis.
 " Lemoinei.
 " Pride of Rochester.
Eleagnus Longipes.
Elder. Golden-leaved

Mode of Shipment.

All plants on this page are sent only by express at buyer's expense. See Special List on the preceding page (103) for Mailing Plant Size.

QUANTITY AFFECTS PRICE.

It takes almost as much time and material to record, fill and ship orders for single items as for dozens and hundreds. Hence our extremely low quantity prices, also our "Surprise" and "Bargain" Collections on pages 81 and 107, and our Special Offers, and Offers of Sets, on every page. Take advantage of all these when you make up your order. You will gain and we will not lose. Get your neighbors to order with you to obtain the most for the money.

Elder. Cut-leaved.
Euonymus Alatus.
Exochorda Grandiflora.
Forsythia Viridissima.
Fringe or Smoke Bush. Purple or white.
 " Purple, in tree form.
Golden Chain (Cytisus Laburnum).
Halesia Tetraptera (Snowdrop Tree).
Hamamelis Virginica (Witch Hazel).
High Bush Cranberry (Viburnum Opulus).
Honeysuckle. Upright or bush form; both pink and white.
Hop Tree. Golden-leaved.
Hydrangea Paniculata Grandiflora. Tree form.
Ilex Verticillatus (Winterberry).
Ligustrum. See Privet.
Lilac. Chas. X. Reddish-purple.
 " Le Gaulois. Double crimson.
 " Madam Lemoine. Double white.
 " Persian Lilac. White and purple.
 " Large bushes, depending on size and shape.
 " Rubra de Marley. Purple.
 " Tree or Japonica.
 " Common White and Purple.
Magnolia Halleana.
Soulangeana.
Maple Japan. Cut-leaved.
Mulberry. Teas' Weeping.
Philadelphus Coronarius, or Mock Orange.
Grandiflorus.
 " Zeheri.
Privet California (Ligustrum Ovalifolium).
 " Common (" Vulgare)
 " Japan (" Ibota).
 " Poland.
Prunus Pissardi.
 " Triloba.
 " Tree form.
Ptelea Trifoliata Aurea. Golden-leaved Hop Tree.
Rhododendron. White. Large plants in bud.
 " Purple. Large plants in bud.
Rhus Cotinus (Purple Fringe).
Typhina (Cut-leaved or Staghorn Sumach).
Ribes Aureum.
Sanguineum.
Sambucus. See Elder.
Snowball. See Viburnum.
Snowberry (Symphoricarpos).
Spiraea Anthony Watereri.
 " Arguta Multiflora.
 " Aurea.
 " Billardi.
 " Bumalda.
 " Callosa Rosea.
 " Fortunei Rosea.
 " Thunbergi.
 " Van Houttei.
Stephanandra Flexuosa.
Staphylea Trifoliata.

Sumach. Cut-leaved or Staghorn.
Syringa Dianthæflorus Fl. Pl.
 " Golden.
 " Lemoinei.
 " Speciosa.
Symphoricarpos Racemosus (Snowberry).
 " Vulgaris (Red Waxberry).
Tamarix Indica.
Africana.
Thorn. Double scarlet.
 " white.
Viburnum Dentatum (Arrow-wood).
 " Opulus (High Bush Cranberry)
 " Plicatum (Japan Snowball).
 " Sterilis (Snowball).
Weigelia Candida.
 " Eva Rathke.
 " Floribunda.
 " Rosea.
 " Variegata.
Witch Hazel (Hamamelis).
Xanthoceras Sorbifolia.



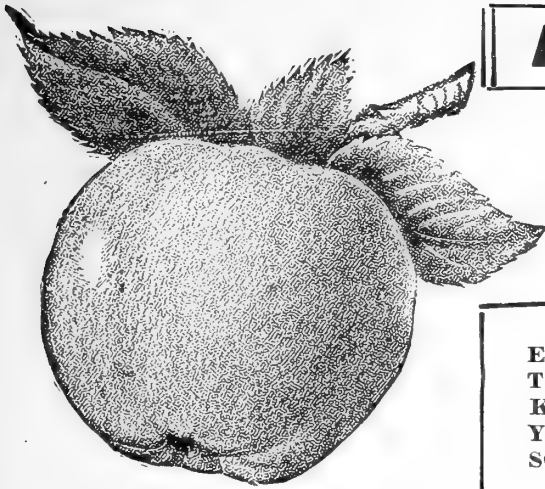
WEIGELIA, EVA RATHKE.

THE WAY WE DO THINGS.

Winneconne, Wis.
 Nov. 3, 1903.
 I wish to express my entire satisfaction for the shrubs sent. There was not a poor one among the lot. Everything is in good shape.
 C. T. Kirkpatrick.



LILAC BLOSSOM.



FRUIT TREES

Prices quoted are for shipment by express or freight at buyer's expense, except where otherwise noted. Send for our special Fruit and Shrub Catalogue.

**NOTE OUR LOW
CHOICE
Fruit Set
Offers.**

**BUY A SET OF
EACH IF YOU WANT
TO FIND OUT THE
KINDS THAT SUIT
YOUR LOCATION AND
SOIL.**

APPLES. Bismarck. A dwarf-growing, early-bearing German Apple. Two-year-old trees seldom fail to produce fruit. Tree is of short and stocky growth and has been largely grown in pots for decorative purposes. Fruit, golden yellow. 5-foot trees each, 50c.; 6 for \$2.50; 1-year-old trees by mail, each, 30c.; 4 for \$1.00; 12 for \$2.50.

Yellow Transparent Apple. Large size fruit. An early and good bearer annually; skin pale yellow; juicy, sub-acid; quality good. Season early in August. 4 foot trees, each, 20c.; 12 for \$2.00.

Alexander. Large, beautiful red. Autumn.
Ben Davis. Large, handsome shaped. Winter.
Duchess of Oldenburg. Yellow and red, juicy. Autumn
Northern Spy. Large, striped, sub-acid. Winter.
Walbridge. Handsome, striped red. Winter.
Baldwin. Large, bright red, juicy. Winter.
Winesap. Medium, deep red, well known. Winter.
Early Harvest. Medium, pale yellow, tender and juicy
Golden Russet. Medium, dull russet, crisp and juicy.
Price, except noted, 5 to 7 feet trees, each, 35c.; 3 for \$1.00; 12 for \$3.50.

**THE SET OF 11 APPLES FOR \$3.00.
BY EXPRESS AT BUYER'S EXPENSE.**

CHERRIES. Windsor. It originated in the cold climate of Canada and is therefore very hardy. The fruit is very large, of dark liver color; firm, solid and rich; good quality. Trees 4 to 5 feet, each, 35c.; 3 for \$1.00.

Black Tartarian. Large, black; last of June
Campbell. Large, red, sour
Dyehouse. Large, red; early.
Early Richmond. Dark red, juicy
English Morello. Blackish red; late.
Sweet Cherry. Firm and juicy.
Wragg. Dark purple; July.
Price, except noted, trees 5 to 6 feet, each, 50c.; 6 for \$2.50; 12 for \$4.50.

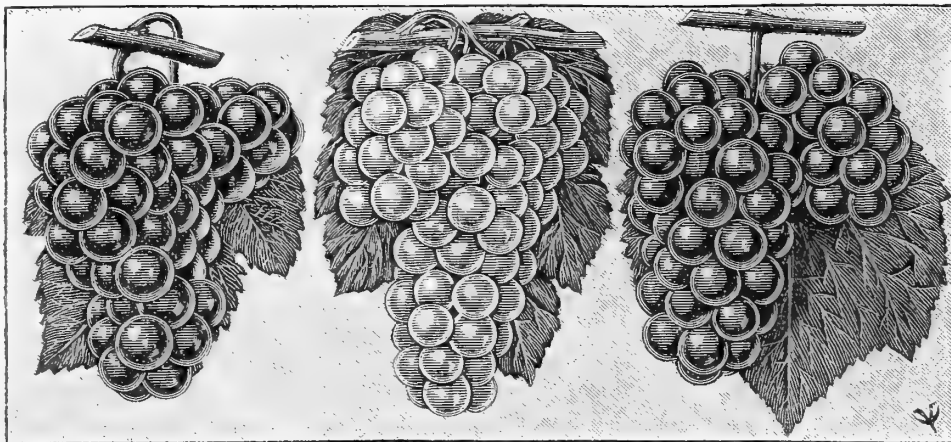
**THE SET OF 8 CHERRIES FOR \$2.50.
BY EXPRESS AT BUYER'S EXPENSE.**

CRAB APPLES. Hyslop. Large, deep crimson; one of the best October.
Siberian. Large, golden yellow. September.
Whitney. One of the largest, green splashed carmine. August.
Transcendant. Immensely productive; one of the most popular September and October. Price, 5 to 7 feet trees, each, 35c.; 3 for \$1.00.

**THE SET OF FOUR CRAB APPLES FOR \$1.25.
BY EXPRESS AT BUYER'S EXPENSE.**

MULBERRIES. New American. Vigorous grower; very productive; the best variety for fruit; ripe from middle June to middle September. Trees 4 to 6 feet, each, 50c.; 6 for \$2.50. 3 to 4 feet each, 25c.; 6 for \$1.25; 12 for \$2.00.

Russian. Very hardy; vigorous grower. Fruit of small size; varies in color from white to black. Trees 3 to 4 feet, each, 35c.; 6 for \$2.00; 12 for \$3.50.
Teas' Weeping Mulberry. Trees 4 to 5 feet high 1-year-old, grafted tops, each, \$1.50; 2 for \$2.50. 2 year, grafted tops, each, \$2.50; 2 for \$4.50; by express only.



CAMPBELL'S EARLY.

NIAGARA.

WORDEN.

CAMPBELL'S EARLY GRAPE, The King of American Grapes.

This is confidently believed to be a grape in all respects better adapted to general use in all sections suited to our native varieties than any other which has yet been grown and tested. Berries large, nearly round, often an inch or more in diameter; black, with light purple bloom; skin thin. Flavor rich and sweet. 1-year-old vines, each, 35c.; doz., \$3.00; by express. 2-year-old vines, each, 50c.; doz., \$5.00; by express.

NECTARINES. Boston. Large, deep yellow. September.
Downton. Large, pale green. August.

Price, 5 to 6 feet trees, each, 35c.; 3 for \$1.00; 12 for \$3.50.

PEACHES

Triumph. Earliest yellow-fleshed Peach. Sure and abundant bearer. Fruit yellow, with red and crimson cheeks.

Wonderful. Freestone Peach. Rich golden yellow, overspread with rich carmine; excellent keeper.

Elberta. Large, yellow. One of the leading market varieties.

Crosby. One of the hardiest; abundant bearer; bright yellow. September. Trees, 4 to 5 feet, each, 25c.; 5 for \$1.00; 12 for \$2.00.

PEARS. Koonce. Thoroughly tested for several years. Has produced good crop when all other varieties were killed by frost. Fruit, medium to large, yellow with carmine cheek; quality good; ripens with the earliest, which makes it the leading early market variety.

Bartlett. The most popular Summer Pear; large fruit of musky melting flavor. The tree is a vigorous grower, an early and abundant bearer. A favorite the world over.

Clapp's Favorite. Very large, yellow and dull red; very fine. August.

Kieffer. One of the very best; extra large; exceedingly profitable. October.

Flemish Beauty. Large, juicy, rich; one of the hardiest.

Price, 5 to 7 ft. trees, each, 35c.; 3 for \$1.00; doz., \$3.50.

**THE SET OF 5 PEARS FOR \$1.45.
BY EXPRESS AT BUYER'S EXPENSE.**

PLUMS.

Abundance. This is the Plum for you, if you try but one. Lemon yellow ground, nearly overspread with cherry; flesh yellow, rich and perfumed. 3 ft. trees, each, 20c.; 3 for 50c.; 12 for \$1.75.

Apple. Named because of its close resemblance to an apple. Fruit large; deep purple; bears abundance of fruit in September.

Burbank. The best and most profitable among growers for market; ripens ten to fourteen days after Abundance. Tree hardy, sprawling, vigorous grower, unequalled in productiveness; bears young. Fruit large, excellent quality; cherry red with lilac bloom. August. 3 ft. trees, each, 20c.; 3 for 50c.

De Soto. Very hardy, bright red.

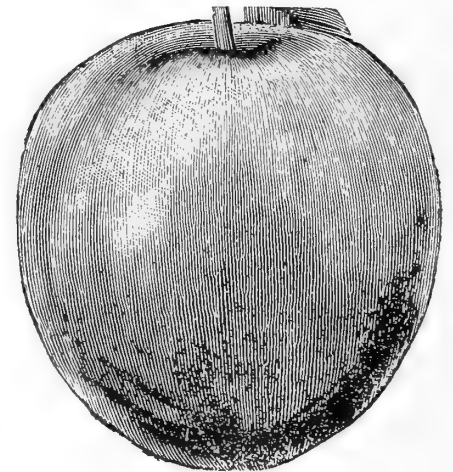
Wolf. Very popular variety; large size, immensely productive. August.

Price, 5 to 7 ft. trees, each, 35c.; 3 for \$1.00; doz., \$3.50.

**THE SET OF 5 PLUMS FOR \$1.25.
BY EXPRESS AT BUYER'S EXPENSE.**

Quince, Meech. A vigorous grower and immensely productive. The fruit is large, lively orange yellow, of great beauty and delightful fragrance; its cooking qualities are unsurpassed. 4 year old trees, each, 50c.; doz., \$5.00.

Walnut, Japan. Perfectly hardy, rapid grower, bears young and abundantly. Worthy of extensive planting. Each, 25c.; 5 for \$1.00.



ABUNDANCE PLUM.

GRAPES

Brighton. Dark red, bunches large, berry medium size, skin thin flesh tender, quality the best. Must be grown with other sorts, as it does not pollinize itself.

Concord. Well known; reliable.

Delaware. Bunches small, compact, shouldered; berries small, round; skin thin, light red; flesh very juicy.

Niagara. Vine hardy; unusually strong grower; bushes large and compact; berries mostly round; light greenish white, semi-transparent, slightly ambered in the sun; skin thin, tough; sweet to center.

Worden. Black, handsome, compact bunch; ripens three weeks earlier than Concord.

Price, postpaid, 1-year-old, each, 15c.; any 3 for 30c.; 12 for 75c.; 2-year-old, each, 20c.; any 3 for 50c.; 12 for \$1.50; 100 for \$10.00, by express. Price, extra heavy grade, 3-year-old vines, by express, each, 30c.; 3 for 75c.; 12 for \$2.50.

The set of 6 Grapes, 1-year-old size, for 75c., postpaid.

The set of 6 Grapes, 2-year-old size, for \$1.25, postpaid.

The set of 6 Grapes, 3-year-old size, for \$1.75, by express, at buyer's expense. Includes the new Campbell Grape.

SELECT SMALL FRUITS

BLACKBERRIES

Plant in Rows 8x4 feet.

If to go by mail, add 35c. per 100 for postage.

Eldorado. Of largest size and best quality, and having so little core that it cannot be noticed in the eating. It far surpasses any blackberry on the list to-day. Each, 10c.; doz., 75c.; 50 for \$2.50.

Snyder. The old reliable; fruit rich and melting; no core; very hardy. Per doz., 60c.; per 100, \$3.00.

Stone's Hardy. Best variety for the North; fruit rich and melting. Per doz., 60c.; per 100, \$2.50.



MARVIN CRYSTAL CURRANT.

CURRANTS

Add 25c. per dozen for postage on 2 year plant prices if to go by mail.

Fay's Prolific. The leading red market variety.

London Market. Dark red, with sprightly acid flavor; vigorous, productive.

North Star Currant. It is a bright red color, and is the sweetest and best flavored currant known. It is an early and prolific bearer, many of the clusters measuring from three to 5 inches in length. It is of large size. One year, each, 10c.; doz., \$1.00. 2 year, each, 20c.; doz., \$1.50, by express.

Red Dutch. The old well known red currant.

The New "Marvin Crystal" Currant. Truly giant bunches, borne in great profusion. It is wonderfully prolific, bearing nearly two to one compared with the well known Cherry Currant. The berries are white and as large as small grapes. In flavor it is mild and free from the sharp sourness of the red varieties. Price, 2 year old plants, each, 15c.; 3 for 40c.; per 100, \$8.00, prepaid. Price, 1 year old plants, each, 10c.; 3 for 25c.; per 100, \$4.00, prepaid.

White Dutch. The well known white currant.

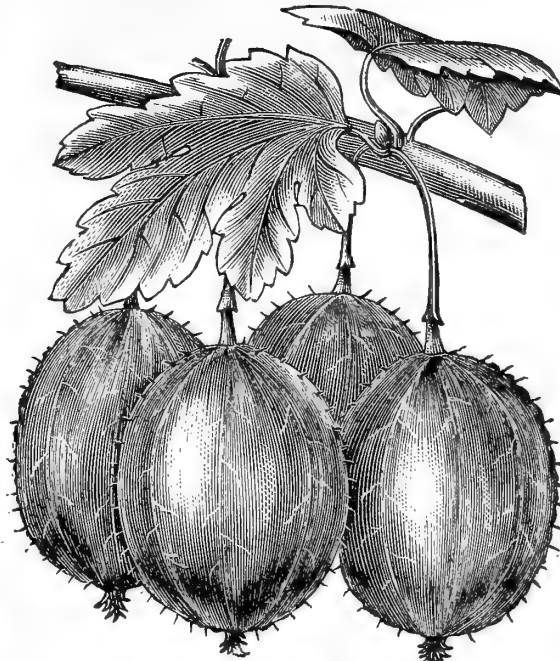
Victoria Black. Imported by us from England. We believe it to be the finest and largest Black Currant up to date; splendid for jellies, preserves, etc. Price, each, 15c.; 6 for 70c.; 12 for \$1.25. 2 years old, each, 25c.; doz., \$2.50.

Lee's Prolific. One of the best Black Currants.

Price of above, except where otherwise noted: 1 year old, each, 10c.; doz., \$1.00; per 100, \$4.00, by express. 2 years old, each, 20c.; doz., \$1.50; per 100, \$8.00, by express.

**SEND FOR
Our Special Catalogue
of Shrubs, Trees and
Hardy Perennials**

It contains a very complete list of small fruits, fruit and shade trees suitable for our western climate.



INDUSTRY GOOSEBERRY.

GOOSEBERRIES

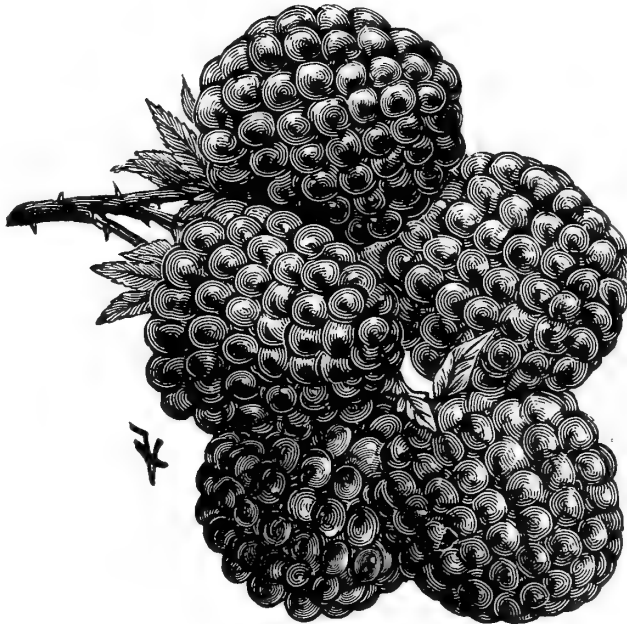
Downing. Largest of our native Gooseberries; pale green; very sweet. 1 year, doz., \$1.00; each, 15c., postpaid. 2 year, per 100, \$12.00; doz., \$2.00, by express; 3 for 60c.; each, 20c., postpaid.

Houghton. Well known, medium size, pale red, very productive. 1 year, per 100, \$4.00, by express; doz., \$1.00; each, 10c., postpaid. 2 year, each, 15c.; doz., \$1.50, by express.

Industry. It is one of the heaviest croppers. The fruit is of largest size, very early and very sweet. 1 year plants, doz., \$1.20; 4 for 50c.; each, 15c.; 2 year plants, 100 for \$14.00; 50 for \$7.50; doz., \$2.00; 3 for 60c.; each, 25c., postpaid.

New Gooseberry, Keepsake. A very large, straw-colored variety of the finest quality and largest size. An excellent shipper; its abundant foliage protects the fruit. 1 year plants, each, 20c.; doz., \$2.00, postpaid. 2 year plants, each, 30c.; 6 for \$1.50, by express.

New Gooseberry, Red Jacket. It is the best red Gooseberry in existence; has good foliage; mildew proof; yields well. The berry is as large as Keepsake; smooth, bright red color and of excellent quality. Each, 20c.; 6 for \$1.00, postpaid.



COLUMBIAN RASPBERRIES.

RASPBERRIES

Add for postage, 10c. per doz.; 50c. per 100.

The Loudon. The largest red Raspberry we have ever seen. When boxed for market it outclasses everything in the Red Raspberry line and sells quicker and for more money. It is an almost everbearing variety. Each, 10c.; 6 for 35c.; 12 for 60c.; 100, \$3.00.

The Columbian. Valuable and profitable. We have no doubt of the wisdom of investing \$10.00 to \$50.00 in this berry. The fruit is cone-shaped, of dark red, almost purplish color. Fruiting season extends from July 10th to August 15th. It is an excellent shipper and very productive. Each, 10c.; 12 for \$1.00; 100, \$4.00.

RASPBERRIES, Continued.

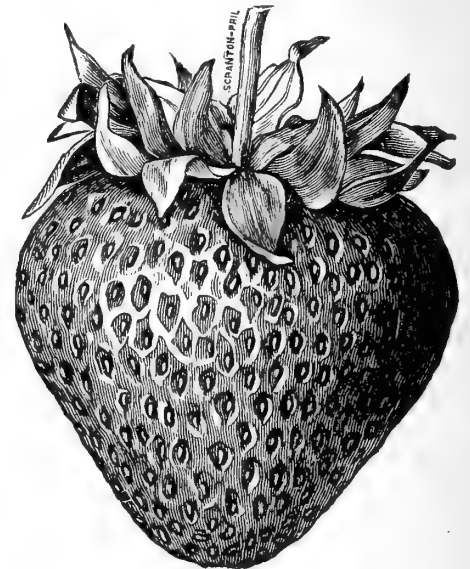
Golden Queen. The best of all Raspberries for eating out of hand. It is a sport of that popular variety, Cuthbert, and might be called Golden Cuthbert. It is of large size, high quality, hardy, productive and of great beauty. Midseason.

Older. Of strong growth, producing canes very much branched, giving more fruiting surface than any other Black Cap. The fruit is of a shiny coal black without bloom; rich, juicy and has very small seeds.

The Kansas. The best of all Black Caps. Ripens with or just after Souhegan; berries large or larger than the Gregg; jet black, firm, handsome and of the best quality; very vigorous growth; exceedingly productive.

Shaffer's Colossal. Truly colossal, plant and fruit, and ironclad in hardness; dark red berries of a sprightly, sub-acid flavor. Increase from the tip.

Gregg. Large Black Cap; heavy bearer. Price, except noted, each, 10c.; 12 for 50c.; 100 for \$2.50.



SENATOR DUNLAP STRAWBERRY

STRAWBERRIES

Varieties marked (P) have imperfect flowers; they will not produce well unless every fourth or fifth row or plant is a perfect flowering variety, as are all not so marked. Thus planted the (P) sorts are the most productive. Price, except where noted, 1,000, \$5.00, by express; 100, \$1.00; dozen, 25c., postpaid.

The New Strawberry, Senator Dunlap. Exceedingly vigorous. The fruit is of large size, regular and attractive in form, deep red in color without and within, firm in substance and excellent in quality. The latter is peculiar to itself. The season is among the earliest and it continues productive nearly a month. Price, per doz., 50c.; 25 for 60c.; 100 for \$2.00, prepaid; 250, by express, \$3.00.

The New Strawberry, "Rough Rider." Enormously productive, hardy and free from disease. Berries very large; roundish, but elongated. Color, dark red like Gandy. The latest and firmest Strawberry in existence. Its blossom is perfect. Price of extra strong plants, doz., 50c.; 100, \$2.00, postpaid. Per 1,000, \$15.00, by express.

The New Strawberry, "Splendid." The plant is a luxuriant grower and bears abundantly. The fruit is large, and far above the average in quality and appearance. Desirable for either home use or market. Per doz., 40c.; 25 for 75c.; 100 for \$1.75, postpaid; per 1,000, \$6.00.

Brandywine. Berries large; ripen late. One of, if not the best, well tested large varieties for both home and market use.

Gandy. The best late variety in cultivation. Berries large, of fine form and excellent quality; flesh firm; a good shipper.

Jessie. One of the most perfect berries grown large, prolific and free from rust.

Haverland, (P). Long conical berry, bright red; very productive, good quality, moderately firm.

Wilson's Albany. Well known sort; early to medium.

Bubach's No. 5, (P). Fruit large; very prolific; popular in the Chicago market.

Warfield's No. 2, (P). A great market berry; dark crimson, fine flavor, very firm.

SPECIAL OFFER, No. 380.

A Strawberry Collection. 100 fine healthy plants, in four good sorts, our choice, prepaid, 80c.

SPECIAL BARGAIN COLLECTIONS

We will send any of the Collections named below, prepaid. They are all fine strong plants and choice varieties, and are such as we list elsewhere in this Catalogue. The choice of varieties must be left to us, the purchaser simply naming the collection wanted. The price of all collections is net. Premiums on general list of plants do not apply to collections.



43 SHRUBS
and
VINES

VAUGHAN'S "CITY GARDEN" COLLECTION No. 4.

Retail Value, \$13.65.

FOR **\$10.00**

The following is a selection of the best hardy shrubs and climbers, suitable for Chicago and latitudes farther north. The plants are all selected, well formed specimens, **well-branched** and **well-rooted** and will **make a show the first year**. This collection is sent by freight or express at buyer's expense, and we cannot permit any changes in its composition.

- 2 Almond, double flowering, 3 feet.
- 1 Althea, double white, 3 feet.
- 1 Althea, double pink, 3 feet.
- 1 Barberry Thunbergii, large size.
- 1 Barberry, purple leaved, large size.
- 1 Colutea Aborecens, 2 feet.
- 1 Cornus, or Dogwood, 3 feet.
- 1 Crab, Bechtel Flowering Crab, 3 feet.
- 1 Cydonia Japonica (Japan Quince), 2 feet.
- 1 Cytisus Laburnum (Golden Chain), 3 feet.
- 2 Deutzias, 2 kinds, 3-year-old.
- 1 Elder, golden leaved, 3 feet.

- 1 Eleagnus Longipes, 1 foot.
- 1 Flowering Currant, 2 feet.
- 1 Fringe, or Smoke Bush, 3 feet.
- 1 Honeysuckle, upright or bush form, 2 feet.
- 1 Hydrangea Paniculata, Grd., 2 feet.
- 1 Lilac, purple, 2 to 3 feet.
- 1 Lilac, white, 2 to 3 feet.
- 1 Philadelphus (Mock Orange), 2 to 3 ft.
- 1 Prunus Pissardi, 3 feet.
- 1 Prunus Triloba, 2 to 3 feet.
- 1 Snowberry, 3 feet.
- 1 Snowball, Japan, 2 feet.

- 1 Snowball, old-fashioned, 2 to 3 feet.
- 1 Symphoricarpos Vulgaris, 3 feet.
- 3 Spiraeas, 3 kinds, 2 to 3 feet.
- 2 Syringas, 2 kinds, 2 to 3 feet.
- 1 Tamarix Indica, 3 feet.
- 2 Weigelia, 2 kinds, 2 feet.
- 1 Boston Ivy.
- 1 Clematis Jackmanni, 2 year.
- 1 Clematis Paniculata, 2 year.
- 1 Trumpet Creeper, 2 year.
- 1 Honeysuckle, 2 year.
- 1 Wistaria, 2 year.
- 1 Matrimony Vine, 2 year.

EVERBLOOMING ROSE COLLECTION No. 1.

Collection No. 1a.—10 choice roses, all different, not labeled, our selection, for **50c., postpaid.**
Collection No. 1b.—20 choice roses, all different, not labeled, our selection, for **\$1.00, postpaid.** (See pages 92 and 93.)

CLIMBING ROSE COLLECTION No. 2.

Collection No. 2c.—6 Climbing Roses, all different, our selection, each one labeled, for **60c., postpaid.**
Collection No. 2d.—6 Climbing Roses, all different and labeled, our selection, 2-year-old size, by express at buyer's expense, for **\$1.25.** (See page 94.)

HARDY GARDEN ROSE COLLECTION No. 3.

We will send 6 Hardy Garden Roses, 2-year-old, our selection, all different, all labeled, for **\$1.25**, only by express at buyer's expense. (See page 95.)

VAUGHAN'S PERENNIAL COLLECTION No. 5.

45 Hardy Perennials for \$5.00. Retail Value, \$7.60.

A succession of bloom from May till November. Increasing with age. "A joy forever." This collection is sent by freight or express at buyer's expense and we cannot permit any changes in its composition.

- | | |
|----------------------------------|--|
| 1 Anemone, Japanese. | 3 Japan Iris, 3 colors. |
| 2 Aquilegias (Columbine). | 3 German Iris, 3 colors. |
| 1 Arundo Donax, variegated. | 1 Lemon Lily. |
| 1 Campanula (Canterbury Bells). | 1 Lily-of-the-Valley Clump. |
| 1 Clematis Erecta. | 1 Sweet Lavender. |
| 1 Coreopsis Lanceolata. | 3 Paeonies, 3 colors. |
| 1 Shasta Daisy. | 3 Phlox, hardy. |
| 1 Digitalis (Fox Glove). | 3 Pinks, Hardy Scotch, 3 colors. |
| 2 Delphiniums (Larkspur). | 1 Tuberous - Rooted Clematis (Platycodon). |
| 1 Dielytra (Bleeding Heart). | 2 Rudbeckia, Golden Glow. |
| 2 Funkias (Day Lily). | 1 Red Hot Poker Plant (Tritoma). |
| 1 Gaillardia. | 1 Sweet William. |
| 1 Helianthus Multiflorus fl. pl. | 1 Yucca Filamentosa (Adam's Needle). |
| 1 Heliopsis Pitcherianus. | |
| 1 Hibiscus, Crimson Eye. | |
| 3 Hollyhocks, 3 colors. | |

See pages 98 to 103 for height and period of flowering.

PAEONY COLLECTION No. 6.

We will send 6 Double Paeonies, mixed colors, unspecified, our selection, prepaid, for **\$1.00**. Larger quantities at same rate. This is a great bargain as all are splendid sorts. (See page 100.)

SHRUB COLLECTION No. 7a.

For **50c.** we will send by mail, postpaid, 6 Hardy Ornamental Shrubs, small size, 6 varieties, our selection. Every plant labeled.

SHRUB COLLECTION No. 7b.

For **\$1.00** we will send 6 Hardy Ornamental Shrubs, our selection of sorts, 2 to 3 feet high, by express at your expense. These will be first class bushes. (See page 104.)

PHLOX COLLECTION No. 8.

To introduce the Hardy Phlox in every garden, we will send for **50c.**, 10 Choice Hardy Perennial Phlox (see page 96 for description), our selection of kinds not labeled. Do not miss this special offer, which is less than half price. (See page 102.)

CLIMBER COLLECTION No. 9.

For **50c.** we will send by mail, postpaid, 6 Choice Hardy Climbers, our selection, all different and labeled; or, for **\$1.00** we will send 6 Choice Climbers, 6 varieties, our selection, all of 2-year-old size, all different and labeled, by express at buyer's expense. (See pages 96 and 97.)

FRUIT TREE COLLECTION No. 10.

For **\$1.00** we will send one each of the following fruit trees, only at buyer's expense by express. Too large to mail. (See page 105.):

- | | | |
|-------------------|--------------------|-----------------|
| 1 Bismarck Apple. | 1 Windsor Cherry. | 1 Koonce Pear. |
| 1 Abundance Plum. | 1 Wonderful Peach. | 1 Japan Quince. |

SMALL FRUIT COLLECTION No. 11.

This collection is made up especially for those who have only small gardens and wish a choice collection of fruits for table use. For **\$1.00** we will send, prepaid, by mail or express (see page 106 for descriptions):

- | | |
|--|-----------------------------|
| 1 each of the 3 best Raspberries, Loudon, Columbian and Gregg. | 1 Currant, Marvin's Crystal |
| 1 each Blackberry, Eldorado and Snyder. | 1 Gooseberry, Industry. |
| 1 Currant, Fay's Prolific. | 1 Grape, Niagara. |
| 1 Grape, Concord. | |

PERENNIAL COLLECTION No. 12.

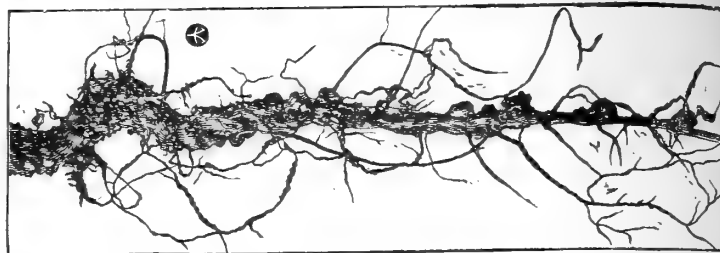
For **50c.** we will send by mail, postpaid, 6 Choice Hardy Perennial Plants in 6 varieties; our selection. Every plant worth from 10 to 20c and distinctly labeled. Or 12 plants, all different, for **\$1.00**. If ordered by express larger clumps can be sent. (See pages 98 to 103.)

FARM SEED DEPARTMENT.

**Forage Crops
the Best
Fertilizers.**

**SOIL
RENEWERS.**

TO make money on the farm and to double the value of the land, understand and use **Forage Crops**. Here is the principle of renewing exhausted lands. In two ways the soil becomes poor, by sunbleach on the surface and by the leaching of the richest parts of the soil down below the reach of ordinary plant roots. To renew both these bad conditions sow Forage Crops, whose thick luxurious growth covers the bleached ground. Their roots reach down into the stored material below, and absorbing other material from the air together form the richest of all material, Nitrogen. If you have "thin" soil or poor fields, try the Forage Crop, and soon your farm lands will be "wanted" at a good price.



See the stored Nitrogen in the knots on these Berseem Clover Roots.

Australian Salt Bush.

A Forage Plant for arid or alkali lands. It is of creeping habit; spreads to cover a space of 12 to 16 feet in a season; free foliage growth; is eaten early by all stock. After three crops have been grown on alkali land the soil will produce all other crops. The California State Experiments have proven this. One pound of seed will plant an acre. The seed can be sown in the garden bed and transplanted when two inches high, seven feet apart. When sowing broadcast, mix 1 lb. with 10 lbs. of plaster ashes or dry loam to secure even distribution. Price, $\frac{1}{4}$ oz., 10c.; 1 oz., 20c.; $\frac{1}{2}$ lb., \$12.00, bags free, by freight or express. Large sample packet mailed for 10c. in stamps. If shipped from New York, add 15c. per bushel.

Barley, Success. A New Club or Beardless Barley. A new and distinct variety, the earliest Barley known, being fully a week or ten days earlier than any other Barley. Height same as common Barley, but better straw and will stand upon any land. A good yielder, six rowed. Ripens early, thus admitting of a second crop. Price, lb., 20c.; 3 lbs., 55c., postpaid. Pk., 35c.; bu., \$1.35; 10 bu., \$12.00, bags free, by freight or express. Large sample packet mailed for 10c. in stamps. If shipped from New York, add 15c. per bushel.

White Hulless. A grand Barley for stock feeding. Plump, heavy kernels, which, when threshed, are hulless like wheat kernels. Early, prolific, well-filled heads. Price, lb., 25c.; 3 lbs., 65c., postpaid. By freight, pk., 60c.; bu., \$2.00; $2\frac{1}{2}$ bu., \$4.25; 10 bu., \$16.00. If shipped from New York, add 15c. per bushel.

Manshury. A standard variety, six row. Price, lb., 25c., postpaid. Express or freight, pk., 40c.; bu., \$1.35. If shipped from New York, add 15c. per bushel.

Soja Beans. These beans rank right next to Cow Peas and Red Clover, for sowing as a fertilizing crop. Their roots find and store the nitrogen. It is a splendid green Fodder; will produce 25 bushels of beans per acre. Roasted and coarsely ground it is a coffee substitute. Sow broadcast $\frac{1}{2}$ bushel per acre, or in drills $3\frac{1}{2}$ feet apart by 18 inches; 3 in a hill. Price, 3 oz., pkt. 10c.; $\frac{1}{2}$ lb., 20c.; 1 lb., 30c., postpaid. By express or by freight, $\frac{1}{2}$ pk., 40c.; 1 pk., 75c.; bu., \$2.50, bags included.

Velvet Bean. A strong-growing, prolific forage crop from the south, of the Soja and Cow Pea class. It will grow 12 feet, and both vines and pods are eaten by all stock. Sow like Soja Beans. Plowed under they are a great soil enricher. Price, 3 oz. pkt., 10c.; $\frac{1}{2}$ lb., 20c.; 1 lb., 30c., postpaid. By freight or express, $\frac{1}{2}$ pk., 35c.; 1 pk., 65c.; 1 bu., \$2.35, bags included.

Bird Seed.



We have facilities for supplying fancy, clean and reliable Bird Seeds and Bird Foods; the best only, re-cleaned, and dust blown out. The highest grade seed only, of every kind, is used in Vaughan's Mixture. If seed is ordered to go by mail, add 10c. per pound.

Bird Seed, Vaughan's Mixed. Per lb., 10c.; 5 lbs., 40c.; 10 lbs., 65c.
Blue Maw (Poppy). Per lb., 20c.; 5 lbs., 80c.
Canary Seed. Per lb., 10c.; 5 lbs., 35c.; 10 lbs., 65c.
Cuttlefish Bone. Per lb., 30c.
Hemp. Per lb., 10c.; 5 lbs., 35c.; 10 lbs., 65c.
Lettuce. Per $\frac{1}{4}$ lb., 10c.; 1 lb., 30c.; 5 lbs., \$1.25.
Millet, Recleaned. Per lb., 6c.; 10 lbs., 50c.
Mocking Bird Food. Per lb., tin, 35c.
Rape. Per lb., 10c.; 5 lbs., 30c.; 10 lbs., 55c.
Sunflower. Per lb., 10c.; 5 lbs., 40c.; 10 lbs., 70c.

Buckwheat, Japanese. This variety of Buckwheat ripens a week earlier than the Silver Hull, and yields better. Price, lb., 20c.; 3 lbs., 50c., postpaid. By express or freight, pk., 50c.; bu. (48 lbs.), \$1.60; bags, 17c. each.

Buckwheat, Silver Hull. A prolific and favorite sort making a fine quality flour. A superior variety in every way to the old type of Buckwheat. Prices same as above.

Giant Beggar Weed (Florida Forage Plant). Has rather an upright growth of 4 to 7 feet. Belongs to the order of Pea Plants, and produces much nitrogen on the roots. It is a great enricher of light sandy soils, by plowing the crop under. It makes a first class hay—as good as Alfalfa. Sow 10 lbs. clean seed to an acre when soil is warm and moist; cover seed very lightly. For hay cut when first blooms. Price, per pkt., 10c.; $\frac{1}{2}$ lb., 25c.; 1 lb., 45c., prepaid. By express or by freight, 5 lbs., \$1.35; 10 lbs., \$2.50.



BERSEEM CLOVER.



SOJA BEAN.



COW PEAS.

Egyptian Clover—Berseem.

This is an Annual Clover, and also a Winter Clover for warm countries where irrigation is practiced. Under such conditions it grows with remarkable rapidity, outgrowing most weeds, and yielding one of the most nutritious and palatable fodders known. It resembles Alfalfa. The flower-heads are white, but in form like Red Clover. The stalks are very succulent and the whole plant more delicate than either Clover or Alfalfa, and is eaten by domestic animals with great relish. The root system of Berseem is remarkable for its abundant nodules or knots, full of nitrogen. It is not suited to cultivation on dry soils. The special value of this crop is its use as a green fodder, having the most marvelous fattening and conditioning properties. Its ability to run out weeds is greatly in its favor. It is wonderful as a food for milch cows. It is also valuable as a hay crop. For Spring forage in the northwest, planted after the frosts are over, in the moist climates of Washington and Oregon, it should rotate with wheat. Its roots greatly increase the fertility of the soil. Sow 15 to 20 lbs. per acre, with drill; if broadcast, about 3 pecks. Lb., 60c.; $\frac{1}{4}$ lb., 20c., postpaid. By freight or express, 1 lb., 50c.; 10 lbs., \$4.50; 100 lbs., \$40.00.

Broom Corn, Improved Evergreen. The best variety for general cultivation, on account of color and quality of brush. Ripens very early; grows 8 to 10 feet high; brush of good length, fine and straight, and always of green appearance when ripe, and will not get red in the field before it is cut. Sow 3 lbs. to acre. Price, lb., 25c., postpaid. By express, 10 lbs., 50c.; 50 lbs., \$2.00; 100 lbs., \$3.50. If shipped from New York, add 50c. per 100 lbs.

Broom Corn, Japanese. An extra early variety; matures in about 75 days when planted late. Can be planted after wheat with good success. The brush is fine and long, without center stalk. Lb., 25c., postpaid. 10 lbs., 65c.; 50 lbs., \$2.50; 100 lbs., \$4.50. If shipped from New York, add 50c. per 100 lbs.

Chicory, Large Rooted. A perennial, remaining five or six years in the same soil, if cut before flowering. It may be cut four or five times during the same season for green fodder. Sow broadcast in Autumn or Spring, either alone or with any kind of clover. Sown in drills, the roots become well developed. When they are dried, roasted and ground, they become the Chicory of commerce, and are used in adulterating coffee. Oz., 10c.; $\frac{1}{4}$ lb., 20c.; 1 lb., 50c., postpaid. By express or freight, 1 lb., 40c.; 5 lbs., \$1.90; 10 lbs., \$3.50.

Chufas or Earth Almonds. Used to fatten hogs. The nuts grow under the ground very near the surface, easily reached by pigs or poultry, and destroyed by them if they have free access. Plant in April in rows 3 feet apart and 8 to 10 inches apart in the row. If seed is dry soak before planting. Sow 15 lbs. of seed per acre. Pkt., 10c.; 1 lb., 30c., postpaid. By express, 1 lb., 20c.; 10 lbs., \$1.75; 100 lbs., \$16.00.

Cotton, Sea Island. This variety is grown almost exclusively by the planters in the neighborhood of Charleston, S. C. It produces the finest quality of lint of any American sort in cultivation. 25 lbs. to the acre. Per lb., 15c.; per 100 lbs., \$7.00. If by mail, add 8c. for postage.

Cow Peas. (The Great Soil Improver).

Make Poor Land Rich. Make Good Land More Productive. Enriching the Soil even When the Crop is Cut Off.

Green crops plowed under are one of the best and cheapest ways of improving the soil. For this purpose the Cow Pea is most popular, especially for medium or light soil. They should be sown in May or June, at the rate of $1\frac{1}{2}$ bushels to the acre, and plowed under as soon as they have attained their full growth. While this crop is very largely grown wherever known, with the results attained from it, the wonder is that it is not grown ten times as much as at present. **There is no surer or cheaper means of improving poor soil than by sowing Cow Peas.** In its capacity as a nitrogen gatherer its growth largely enables the farmer to dispense with the use of nitrogen or ammoniated fertilizers. Nitrogen or ammonia in commercial fertilizers is valued at 15c. per pound. The Cow Pea, to a greater extent than any other leguminous crop, with possibly the exception of the **New Velvet Bean**, described alongside, has the power to extract this costly nitrogen or ammonia from the atmosphere.

Cow Peas for Hay. If planted early, say the middle of May, in the central corn belt section, a crop can be cut and cured for hay the same as clover, then the stubble in a short time will put out a new growth to be turned under in the fall as a fertilizer.

The best varieties for all purposes are the following:

Prices variable with the market.

Southern Black-eye. Each, pkt., 10c.; pint, 20c.; qt., 35c., postpaid. Pk., 60c.; bu., \$2.25, by freight or express

Whip-poor-will. Pk., 65c.; bu., \$2.00.

Black. Pk., 55c.; bu., \$2.00.

Mixed. Pk., 55c.; bu., \$2.00.

Prices by Letter on Larger Lots.

FARM SEEDS and FORAGE CROPS—CONTINUED.

Read what we say at top of page 108.

Fenugreek. Annual. The seed is often sought by hostlers to give a temporary fire and vigor to their horses. **Oz., 10c.; lb., 40c., postpaid.**

Flax Seed. Sow as soon as danger of frost is over, and early enough to catch the Spring rains; $\frac{1}{2}$ bushel to the acre is the quantity to sow for raising seed, or 1 bushel for raising fiber. **Pk., 60c.; bu., \$2.00,** by freight or express. Price variable.

Jerusalem Corn. A non-saccharine sorghum. A valuable forage plant for dry soils and seasons. Grows about 3 feet high; makes one large head on main shoot and several small heads on side shoots. Sow 3 to 5 lbs. per acre. Price, **10 lbs., \$1.00; 50 lbs., \$3.00; 100 lbs., \$5.00.**

KAFFIR CORN.

One of the best forage plants. If the crop is wanted mainly for fodder, it is recommended to cut down the whole stalk when the first seed heads come into bloom. The second growth, springing at once from the roots, will still mature (in climates similar to Central Kansas) a full crop of grain and a second full crop of forage before the middle of October. Sow in rows 3 feet apart; 3 to 6 lbs. of seed to the acre. We supply two colors of Kaffir Corn—White and Red. Price of each, **per pkt., 5c.; lb., 20c.; 3 lbs., 50c., postpaid. 10 lbs., 50c.; 50 lbs., \$1.75; 100 lbs., \$3.50,** by freight or express.

THOUSAND-HEADED KALE.

Thousand-Headed Kale is now being grown in larger quantities than Rape in England. The seed can be sown early in April or any time thereafter until mid-summer. The plants grow to a height of 3 to 4 feet, and are so covered with small whorls of leaves that the name Thousand-Headed Kale has been given it. It will yield a larger crop than the Dwarf Essex Rape, as it branches out from the bottom and grows very rapidly. It is greatly relished by hogs, cattle and sheep. The plant is not affected by drought and flourishes in all kinds of soil. In England this seed is being sown broadcast on pastures with grass seeds, using about 1 pound of seed per acre, though if sown alone it should have about 3 pounds per acre. Price, **per large pkg., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c., postpaid.** By express, 5 lbs. or more at 40c. per lb.; 10 lbs. at 38c. per lb.

Lathyrus Sylvestris (Flat Pea). A perennial forage plant; it grows well on unimproved sandy soil; yields superior forage for all farm stock and excellent as a fertilizer. **Oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.35, postpaid.**

Lentils. A leguminous annual. Succeeds best in dry, sandy soil. Splendid pigeon food and also used extensively for soups. **Lb., 25c., postpaid.**

Lupins, Yellow. Succeeds well in the poorest soil, and is exceedingly valuable for plowing in to improve sandy soils. It makes good forage, either green or as hay. The seeds are very fattening when used with hay. Sow in the Spring when the ground has become warm, at the rate of 90 pounds to the acre. **Lb., 25c., postpaid.** By freight or express, **10 lbs., \$1.25; 25 lbs., \$2.35; 100 lbs., \$9.75.**

MILLETS.

If shipped from New York, add at the rate of 50c. per 100 lbs. to the following prices.

German or Golden. (Bu., 50 lbs.) Sow $\frac{1}{2}$ bushel to the acre. Values constantly changing. Write for prices. **Bu., \$1.10; 100 lbs., \$2.00; bags 17c. each extra.**

Hungarian (Grass). Can be sown as late as July 1. (Bu., 48 lbs.) **Bu., \$1.10; 100 lbs., \$2.25.** Subject to market changes. Write for latest prices.

Japanese Millet. Entirely distinct from any other Millet. It grows 6 to 8 feet high, stands remarkably well notwithstanding its great height, and yields from 10 to 12 tons green fodder per acre. When cured it makes an excellent quality of hay, and is also much relished as green fodder. If to be made into hay, cure as you would a heavy crop of Clover. It may be sown from the middle of May to the 1st of July, broadcast, at the rate of 15 lbs. per acre; but it is better to sow it in drills, 12 to 18 inches apart, using 10 to 12 lbs. per acre, and hoed between the rows to keep down all weeds until the plant attains a height of 12 to 18 inches, when its rapid growth will smother all weeds. **Lb., 20c., postpaid.** By freight or express, **10 lbs., 80c.; bu., \$2.25; 100 lbs., \$4.00.**

Pearl or Cat-tail Millet. No other plant makes so much forage as this. Seven cuttings can be had from one planting in one season in the South. Total of three cuttings green forage per acre at Georgia Experiment Station, 52,416 lbs. Stools at ground; thick foliage; heads not eaten. This is by far the most popular of all green eaten Millet. **Oz., 5c.; $\frac{1}{4}$ lb., 10c.; lb., 25c., postpaid.** By express, **lb., 15c.; 10 lbs., \$1.25; 100 lbs., \$11.00.**

Siberian or Russian Millet. Is earlier than German, extremely hardy and will stand more hot, dry weather than any variety of Millet. It makes a very rank growth, with an abundance of leaves, which start from the ground. Sow in April, May or June at the rate of $\frac{1}{4}$ bushel to $\frac{1}{2}$ bushel per acre, according to soil. **Lb., 10c.; 10 lbs., 80c.; bu., \$1.25; 100 lbs., \$2.25.**



LINCOLN OATS.



PEARL MILLET.



SPANISH PEANUTS.

MILO MAIZE.

Milo Maize. A variety of sorghum, non-saccharine, growing stalks 8 to 10 feet high. It bears dry weather and makes its crops where corn would wholly fail. Plant in 3-foot rows, leaving one or two plants every 12 inches in the row, and cultivate as corn; 3 to 5 lbs. per acre.

White or Yellow. Lb., 20c., postpaid. By freight or express, **10 lbs., 75c.; 50 lbs., \$3.00; 100 lbs., \$5.50.**

FANCY RECLEANED SEED OATS.

Sow 2 bushels to the acre.

Lincoln Oats. The following are a few points of its excellence: It is **very productive**, having in all instances yielded more to the acre than any other sort grown in the same locality; in one case it yielded **174 bushels** from a single bushel of seed. It is **very early**, and has thus far proved itself **rustproof**. It **stands up better** than any other sort; it is best for seeding on account of its **thin hull, heavy meat and soft nib**. It is the best for oatmeal and grinding for the same reason. Price, **lb., 15c.; 3 lbs., 40c., postpaid. Pk., 40c.; bu., \$1.00; 10 bu., \$9.00;** bags free; by freight or express.

Improved Black Tartarian. This Canadian grown variety is the darkest of the so-called Black Oats. Price, **pk., 35c.; bu., \$1.25; 2 $\frac{1}{2}$ bu., \$3.00.**

Silver Mine Oats. A very popular variety in some sections for its great yield. Price same as Lincoln Oats.

Winter Turf Oats. Valuable for Winter grazing and for grain in the South. Their turfing and stooling qualities are remarkable, and when thinly sown under anything like favorable conditions they soon spread and cover the ground with a thick, heavy growth. Sow at the rate of $1\frac{1}{2}$ to 2 bushels to the acre. Price, **lb., 25c.; 3 lbs., 60c., postpaid.** Express or freight, **pk., 40c.; bu., \$1.00; 2 bu., \$1.80.**

If to be shipped from New York, add 15c. per bushel. Seed Oat prices are subject to market fluctuations. Write for latest prices.

CANADIAN FIELD PEAS.

Valuable for Northern climates for cattle feeding, especially for milch cows. It also makes fine ensilage. It is sown broadcast in Spring and harrowed in at the rate of 2 bushels per acre or 1 bushel if sown with oats. Price variable; about **\$2.00 per bushel.**

PEANUTS.

Mammoth Virginia. The Mammoth Virginia Peanut is the most profitable variety to grow, and is more desirable than the common spreading kind, because more easily cultivated; very erect stems and upright foliage and the largest pods and kernels of any variety; also yields fewer imperfect pods. The vines make valuable forage. **Pkt., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 30c., postpaid.** By freight or express, **1 lb., 20c.; 5 lbs., 90c.**

Spanish. The earliest variety grown; pods are small, but remarkably solid and well filled, and the yield per acre very large; can be cultivated with the plow. Because of their early habit and easy cultivation, it is the best variety to grow for fattening hogs. **Pkt., 10c.; $\frac{1}{4}$ lb., 12c.; lb., 30c., postpaid.** By freight or express, **lb., 20c.; 5 lbs., 90c.**

PENCILLARIA ZEAOIDES.

Mand's Wonder Forage Plant. A native of Central America. It is an annual plant, having long, broad foliage, and if allowed to develop fully, will attain a height of from 10 to 12 feet, and bears numerous heads from 18 to 20 inches in length and 1 inch in diameter, completely covered with thousands of seeds, much relished by poultry. It is of rapid growth, throwing out from one plant numerous suckers, and if cut as soon as it reaches the height of 2 or 3 feet, it can be mowed from four to six times, according to the latitude, and yields several tons of dry hay per acre. If allowed to grow 6 or 7 feet high, and cut when the flower heads begin to develop, it will yield the heaviest fodder crop per acre of any plant now in cultivation. For feeding it is equal to any fodder, and is relished by all kinds of stock, either green or dry. Full cultural instructions on each package. Price, **pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., 60c., postpaid.** By express, **lb., 50c.; 10 lbs., \$4.50.**

Pontiac, Mich., August 26th, 1903.

The best year I ever had. I have used your seeds almost entirely and have not had a failure. The following are deserving of special mention: Cardinal Radish; Vaughan's Special Turnip White Tip Radish (the best of all—you don't give it space enough in your catalog); Mammoth Cory and Evergreen Corn (both "swell" the best ever grew); Savoy Spinach; Vaughan's Ideal White Globe Onion (sold 4,000 dozen bunches June 10th to July 10th); Vaughan's Sweet Market Pea (best pea on earth if given room to grow); Surprise Pea; Eclipse and Crimson Globe Beets; Vaughan's Select Danvers Carrot and Magnum Bonum Parsnip (the two latter were extremely uniform, none too large and none too small, beautiful color and exquisite quality). You are welcome to use this letter.

O. G. BISHOP,
Grower for Detroit Market.

FARM SEEDS and FORAGE CROPS—CONTINUED.

See what we say on top of page 108.



WINTER VETCH.

SAND, HAIRY, or WINTER VETCH.

(*Vicia Villosa*.) It is the earliest crop for cutting, being nearly a month earlier than Scarlet Clover, and a full crop can be taken off the land in time for planting Spring crops. Being much harder than Scarlet Clover, this is the Forage Plant to sow in the Northern States where Scarlet Clover winter kills, though it is equally valuable in the South. Every dairyman and stock-breeder in the United States should have a field of it, and if you try it once you will never be a season without it.

It will also prove valuable for a hay crop in the South and dry Western regions, as it may be sown in the Fall and will make a luxuriant growth during the Fall and Spring months, and will yield a heavy crop, which may be cut and stored before the droughts set in. It is perfectly hardy throughout the United States, remaining green all Winter, and should be sown during August and September mixed with rye, which serves as a support for the plants, or in Spring with oats or barley.

Sow 1 bushel per acre, with $\frac{1}{2}$ bushel of rye or wheat. Price, lb., 15c.; bu. (60 lbs.), \$6.25; 100 lbs., \$10.00. If by mail, add 8c. per lb.

SAINFOIN or ESPARSETTE.

An excellent perennial Fodder Plant, growing about 3 feet high, flowering in June and July. It is adapted for light, chalky soils, being an enriching, heat-resisting Clover; does well in Southern and Western States. May be sown in drills or broadcast. Sow 25 lbs. per acre broadcast; 12 to 15 lbs. in drills. Lb., 25c., postpaid. By freight or express, 10 lbs., \$1.20; 50 lbs., \$5.00.

GIANT SPURRY.

An annual plant extensively cultivated in Europe as a Winter pasture for cattle and sheep; grows well on poor, dry, sandy soil; an excellent fertilizer for light soil and valuable for forage. Sow 12 lbs. per acre. Price, per lb., 25c.; 3 lbs., 65c., postpaid. Express, 5 lbs., 70c.; 10 lbs., \$1.30.

SUGAR CANE.

Vaughan's Early Amber. Our customers appreciate what we have so often said of the value of Amber Cane for a green fodder crop. We think it the best green food that can be grown for feeding cows, horses and young stock during the dry spells which we have every August and September. Even fodder corn does not produce so rich and rank a growth of good feed for so little money as Sugar Cane. You can get a lot of feed from $\frac{1}{2}$ acre on a little more than \$1.00 invested for seed, and the animals will like you for it. Decide now. Sow 60 lbs. to the acre. $\frac{1}{4}$ lb., 10c.; lb., 20c., postpaid. By freight or express, 10 lbs., 60c.; 30 lbs., \$1.50; 60 lbs., \$2.75; 100 lbs., \$4.00.

MAMMOTH RUSSIAN SUNFLOWER.**THE GIANT OF ALL SUNFLOWERS.**

The best variety for the farmer. Growing to double the size of the common, and the yield of seed is twice as great. It is highly recommended for poultry; the best egg-producing food known; the leaves make splendid fodder, much relished by all kinds of stock. The seed is good feed for horses, and yields a fine quality of oil. Oz., 5c.; lb., 10c. (postpaid, 20c.); 10 lbs., 60c.; 25 lbs., \$1.25; 100 lbs., \$3.50; sack, 2 bu., \$1.90.

TEOSINTE (Reana Luxurians).

A grand forage plant for the Southwestern States, growing 12 feet high; very thickly covered with leaves, yielding such an abundance of forage that one plant is considered to be sufficient to feed a pair of cattle for 24 hours. Not recommended for the Northwest. Price, pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25, postpaid.



VAUGHAN'S EARLY AMBER CANE

DWARF ESSEX RAPE.

Our own importation. Think of it—costs only 38c. to seed an acre.

Dwarf Essex Rape is easily grown and perfectly hardy, and possesses remarkable fattening properties. One acre will pasture 36 head two months, and lambs will make a gain of 8 to 12 pounds a month. **Pigs and cattle are also very fond of it.** The plant is a rank grower and should have heavy manuring as well as high cultivation. Any corn soil will grow Rape. Sow the seed by the end of June, and the crop can be ready to feed at a season when it is most needed. It does well sown with oats. After oats are cut the Rape grows rapidly. From $\frac{1}{2}$ acre there were cut $9\frac{3}{4}$ tons of green Rape, or it yielded at the rate of 19 tons per acre. If the soil is rich and clean, sow broadcast; if not so clean, sow in drills and cultivate as for corn. When sown broadcast use 5 lbs., and if in drills, 2 lbs. to the acre. **True Dwarf Essex Rape**, our own importation. Price, pkt., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 28c., postpaid. By freight or express, 10 lbs., 70c.; 25 lbs., \$1.45; 50 lbs., \$2.70; 100 lbs., \$5.00. Be sure and get the genuine. Bags, 17c. each for 50-lb. lots and over.



DWARF ESSEX RAPE.

SPRING VETCH or TARES.

(*Vicia Sativa*.) Sown broadcast at rate of 1 to $1\frac{1}{2}$ bushels to the acre, like wheat or barley, and sometimes mixed with oats for soiling. Used in France and Canada as a substitute for peas. Also ground up into flour, after which it is mixed with wheat flour for making bread. Per qt., 20c.; pk., 85c.; bu., \$3.00.

SPELTZ or EMMER WHEAT.

A grain for dry lands, introduced from Russia. This is a remarkable grain, and should receive the attention of all farmers. It is a species of drought-resisting wheat, and not inclined to rust. Can be sown in the fall, being hardy, and will produce a fair crop under almost any condition of climate, but grows best in dry prairie regions with hot summers, giving excellent results. **Thrives on poor land** in stony ground. The Experiment Stations of both the Dakotas report that it resists drought better than oats or barley. All animals eat it green greedily and are fond of the straw. It will undoubtedly become a regular and valuable crop for stock feed. Drill the seed in, $1\frac{1}{2}$ to 3 bushels per acre; sow very early. Price, lb., 25c.; 3 lbs., 65c., postpaid. 50 lbs., \$1.30; 100 lbs., \$2.50, by freight at buyer's expense.

WHEAT—SPRING.

Subject to market fluctuations. Write for latest prices. If shipped from New York, add 20c. per bushel.

Blue Stem. Grown from selected stock. Price, pk., 50c.; bu., \$1.60; 5 bu., \$7.50.

Saskatchewan Fife. Hardy, red variety; noted for its productiveness. Price, pk., 50c.; bu., \$1.60; 5 bu., \$7.50.

Macaroni Wheat. Selected stock. Price, pk., 50c.; bu., \$1.85.

Subject to market changes. Write for latest prices.

WILD RICE (Zizania Aquatica).

A native plant, furnishing food for wild fowl, ducks, geese, etc., also valuable as a forage plant for swamps and inundated lands, as it grows rapidly, and all stock are fond of it when green or cured for fodder. It attracts all wild birds from September on, and also purifies the water and affords a refuge for the small fry from the large fish. To sow: "Put the seed in coarse linen or cotton bags, and sink in water for 24 hours. Sow in water which is from 6 inches to 5 feet deep, in soft mud bottom, and in places where there are but few weeds. It is useless sowing this seed except on a mud bottom, or on low marshy places which are covered with water the year round. In running water sow as much out of the current as possible." Lb., 35c.; 3 lbs., \$1.00, postpaid. Lb., 25c.; 10 lbs., \$1.80; 100 lbs., \$15.00, by express.

FARM BOOKS, By Mail, Postpaid.

See also List of Rural Books, page 125.

Farm Appliances. Illustrated. Very valuable.....	\$1.00
Farm Drainage. French's. Cloth.....	1.50
Farm Gardening and Seed Growing. Brill. Cloth.....	1.00
Fertility, The, of the Land. By I. S. Roberts. Cloth; 415 pages....	1.25
Fertilizers. By Prof. E. B. Voorhees. Cloth; 335 pages.....	1.00

FARM SEED PRICES.

PLEASE NOTE that the prices given on all Farm Seeds by the half peck, peck, half bushel and bushel are NET, F. O. B. either at Chicago or New York, unless otherwise noted, the purchaser paying all transportation charges. We make no charge for bags or cartage except where noted. Write for SPECIAL PRICES on large quantities.

Root Crops for Stock

ROOTS have an average stock-feeding value by weight compared with hay of one to three, 300 lbs. of roots equalling 100 lbs. of hay. Think of it, 15 to 35 tons of roots can be grown per acre, and this means a feeding value equal to 5 to 10 tons of hay. They have more than the feeding value, they are a fresh and very healthy food like grass. Read what we say of each kind, compiled from best scientific authority. The feeding of these crops on the farm means a great increase in the manure pile and so a great increase of crops. Root culture means good farming.

Carrots Professor Johnson ranks Carrots as high as Cabbage when fed to cattle. Chemists rank 150 lbs. of Carrots equal to one bushel of oats. This would mean an acre of good Carrots equal to 300 bushel of oats, counting less than 22 tons per acre, while 40 tons have been raised. The stables of the largest and best teams in Chicago feed Carrots once a day all winter and spring. High authority says Carrots fed to horses give their coats a gloss and aid them in digesting grain, as can be seen in the dung of those fed on oats with Carrots and those fed on oats alone. Prepare fine mellow ground with well rotted manure and use $\frac{1}{2}$ lb. of seed per acre. See Vaughan's Vegetable Garden.

Improved Long Orange. A well-known sort; roots long, thickest near the crown, tapering regularly to a point; color deep orange. It is a good keeper of fine quality for winter use and extensively grown for stock feeding. Pkt., 5c.; oz., 10c.; 2 oz., 15c.; $\frac{1}{2}$ lb., 25c.; lb., 85c.; by express, 5 lbs., \$3.00.

Vaughan's Half Long Danvers. This is a broad-shouldered Carrot, cylindrical in shape, stump rooted, of excellent color, best flavor, and a most wonderful producer. Ready in about 65 days from the time of sowing. It is not only one of the best for the table, but owing to its shape, size and great yield, and the fact that it is so easily harvested, one of the best for stock. Pkt., 5c.; oz., 10c.; 2 oz., 15c.; $\frac{1}{2}$ lb., 25c.; lb., 85c.; by express, 5 lbs., \$3.25.

The Mastodon. This is the heaviest cropping Carrot grown, yielding more tons to the acre than any other sort. The flesh is white, solid, crisp and very sweet; the roots are short and very heavy at the shoulder, which allows them to be harvested very easily. They do not break easily in pulling or storing, owing to their solidity and shape. One of the most profitable Carrots; liked by both cattle and horses. Pkt., 5c.; oz., 10c.; $\frac{1}{2}$ lb., 20c.; lb., 75c., postpaid; by express, 5 lbs., \$2.25.

Mangels The enormous bulk yield of these exceeds that of any annual crop. Eighty tons of roots have been raised on the English sewerage farms. The Mangel is a surer crop than any other root. It is more fattening than the turnip and withstands drouth better. One ton of Mangels increased the weight of steers 65 pounds. These ripen after harvesting: January 15th is about time to begin to feed. Hogs prefer these to any root except parsnip. Mangels give $\frac{1}{2}$ greater increase of milk than potato. Plow foot deep and harrow manure well in. Use 6 lbs. of seed per acre.

Vaughan's Mammoth Long Red. This is an enormously productive variety, yielding from 50 to 70 tons to the acre, a single root often weighing from 20 to 30 pounds. It is the best long red Mangel, and of the greatest value for stock feeding. It grows well above ground and is easily pulled. Our strain is an extra selection from the largest and thickest Mangels. Lb., 40c.; $\frac{1}{2}$ lb., 15c.; oz., 5c.; 5 lbs. by express at buyer's expense, \$1.25.

Golden Tankard. The Best Yellow Mangel in Cultivation. A distinct and valuable yellow-fleshed variety, which contains a larger percentage of sugar and nutritive matter than any of the red-skinned sorts. It is more relished by milch cows and sheep than any other. In shape it is almost cylindrical. It is very easily pulled and is exceedingly hardy. Lb., 40c.; $\frac{1}{2}$ lb., 15c.; oz., 5c.; 5 lbs. by express at buyer's expense, \$1.25.

Giant Yellow Intermediate. Root ovoid, intermediate between the long and globe varieties. Flesh white, firm and sweet, much liked by cattle. Lb., 40c.; $\frac{1}{2}$ lb., 15c.; oz., 5c.; 5 lbs. by express at buyer's expense, \$1.20.

Champion Yellow Globe. Lb., 40c.; $\frac{1}{2}$ lb., 15c.; oz., 5c.; 5 lbs., by express, \$1.20.

Sugar Beets The Sugar Beet is really a Mangel and contains more sugar. The best grow mostly underground. The qualities stated above apply to these roots.

French Red Top Sugar. Combines with heavy yield a good percentage of sugar. It is very hardy and productive, yielding about twenty tons to the acre. A most desirable sort for stock feeding. Lb., 40c.; $\frac{1}{2}$ lb., 15c.; oz., 5c.; 10 lbs., by express, \$2.40.

Vilmorin's Imperial. An improved French variety, exceedingly rich in sugar. Under average conditions it has yielded 14 tons of roots to the acre, containing about 16 per cent of sugar. Lb., 45c.; $\frac{1}{2}$ lb., 15c.; oz., 5c.; 10 lbs., by express, \$2.75.

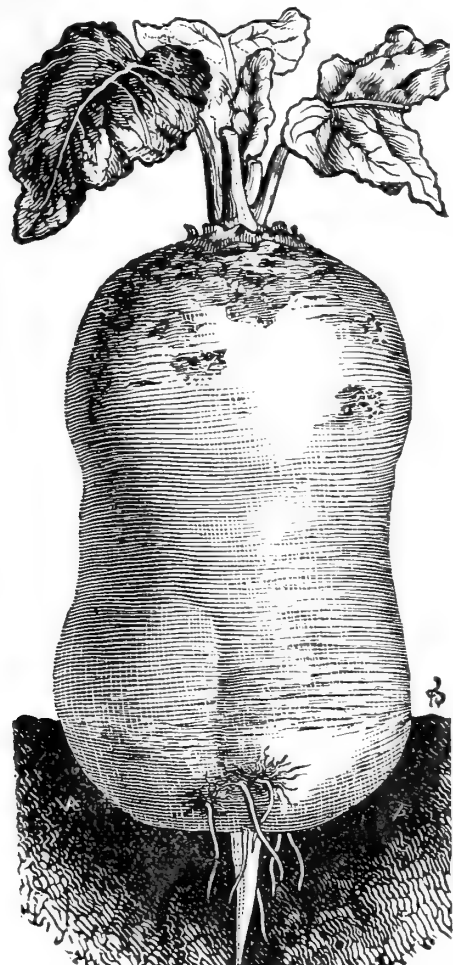
Klein-Wanzleben. This kind is cultivated on a larger scale than any other Sugar Beet. The root is conical, straight and even, quite large at the head and rapidly tapering. It is easy to dig, it is a heavy yielder. Lb., 45c.; $\frac{1}{2}$ lb., 15c.; oz., 5c.; 5 lbs., by express, \$1.25.

Lane's Improved. Lb., 40c.; $\frac{1}{2}$ lb., 15c.; oz., 5c.; 5 lbs., by express, \$1.25.

Rutabagas or Swedes This crop often yields one thousand bushels per acre and is easily grown. Use 3 to 4 lbs. per acre.

Vaughan's Improved. From selected stock of a purple-topped variety of the largest size, best shape, with small neck and smooth skin; good cropper and keeper. Lb., 50c.; $\frac{1}{2}$ lb., 20c.; oz., 10c.; pkt., 5c. By express, 5 lbs., \$1.60.

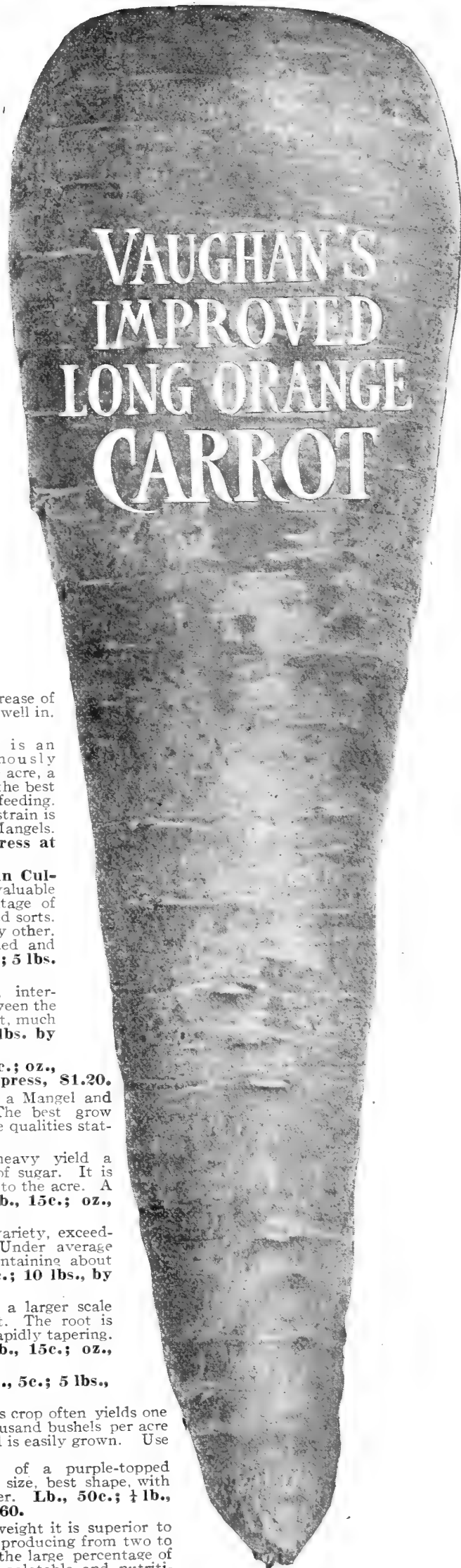
Hurst's Monarch. For earliness, quality and weight it is superior to any variety in cultivation, producing from two to seven tons per acre more than any other Swede, while the large percentage of saccharine matter contained in the root makes it very palatable and nutritious to stock. Lb., 50c.; $\frac{1}{2}$ lb., 20c.; oz., 10c.; pkt., 5c.



Mangel Wurzel This Mangel is to-day the variety most sought after in Germany, where thousands of

acres are planted in Mangels every year. In regard to yield it is ahead of most kinds. Roots weighing from 15 to 25 lbs. apiece are by no means rare when the proper culture is given. The roots grow cylindrical, are yellow and very nutritious. They grow almost on the surface of the soil, hence easily harvested, and their chunky shape prevents them from being broken in handling. Per lb., 60c.; $\frac{1}{2}$ lb., 20c.

VAUGHAN'S
IMPROVED
LONG ORANGE
CARROT



Vegetable Plants FROM Seed

Prices do not include prepayment by mail. If wanted by mail, add 6c. per doz.; 12c. for 50; 20c. per 100.

Cabbage, Early. Ready by April 20. Extra Early Wakefield, All Seasons and Early All-Head. Per 1,000, \$4.25; 100, 55c.; 50, 35c.; doz., 15c.

Cauliflower, Early. Ready by April 20. Snowball and Extra Early Erfurt. Per 1,000, \$6.00; 100, 75c.; 50, 45c.; doz., 20c.

Cauliflower, Second Early. Ready by May 1. Snowball and Extra Early Erfurt. Per 1,000, \$5.00; 100, 60c.; 50, 35c.; doz., 15c.

Celery, Early. Ready in June. White Plume, Golden Self-Blanching, Giant Golden Heart, Winter Queen and Turnip Rooted. Per 1,000, \$4.00; 100, 50c.; 50, 30c.; doz., 15c.

Egg Plant. Ready about May 15. New York Improved Purple. Per 100, \$1.00; 50, 60c.; doz., 20c.

Pepper. Ready about May 15. Bell or Bull Nose, Sweet Mountain, Extra Ruby King and Cayenne. 100, \$1.00; 50, 60c.; doz., 20c.

Sweet Potato. Ready about May 15. Extra Early Carolina, Yellow Nansemond and Red Jersey. Per 1,000, \$2.50; 100, 35c.; 50, 20c.

Tomato. Ready about May 15. Acme, New Stone, Dwarf Champion, Ponderosa, Yellow Plum and Beauty. Per 1,000, \$7.00; 100, \$1.00; 50, 60c.; doz., 15c.

Lettuce. Transplanted plants grown in flats. Grand Rapids Forcing and Silverball. Per 100, \$1.00; doz., 20c.

Vegetable Plants FROM Roots

Chives. Clumps. By express, 10c.; doz., \$1.00. By mail, 10c. each extra.

Horse Radish Sets. Per 100, 75c.; 50, 50c., postpaid; 500, \$3.00, by express.

Hop Roots. Plant early. Doz., 30c. By mail, add 5c. per doz.

Rhubarb Roots. Seedlings. Each, 10c.; doz., \$1.00, postpaid. Clumps, 15c., 25c. and 50c. each, according to size by express.

Tarragon Plants (Esdragon). Each, 15c.; 2 for 25c.; 5 for 50c.

Artichoke Roots, JERUSALEM.

Of greatest value for feeding stock. They are the best hog food known. They are remarkable for their fattening properties, great productiveness (over one thousand bushels having been grown on one acre), and ease with which they can be grown. They need not be dug; the hogs should be turned in on them, and will help themselves by rooting. One acre will keep from twenty to thirty hogs in fine condition from October until April, except when the ground is frozen too hard for them to root. Three bushels will seed an acre. Cut the tubers and plant like potatoes. Lb., 35c.; 3 lbs., \$1.00, postpaid. By freight or express, peck, \$1.00; bu., \$3.00; bbl. of 3 bu. (enough for one acre), \$7.50, F. O. B. Chicago.

If to go from New York, add 10c. per pk., 20c. per bu., and 50c. per bbl. to these prices.

Artichoke Plants, GREEN GLOBE.

A delicious vegetable coming into great favor. The underside of the blossom head is the edible part, and it is ready for use just before the flowers expand. Plants (ready in early spring), each, 35c., by express only.

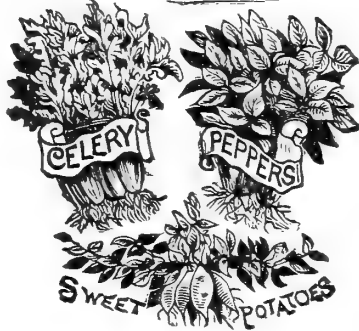
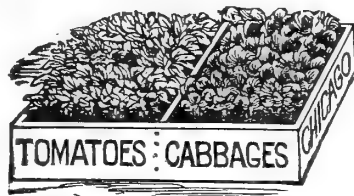
Culture: See "Vaughan's Vegetable Garden." Ask for a copy. It is free to buyers of Vaughan's Seeds.

Ginseng

We supply American-grown seed, crop of 1903, water tested and stratified, which, if sown in Spring or Fall of 1904, will germinate in Spring of 1905. The seed must not be allowed to dry out. Cultural directions sent with every order.

Price, 12 seeds, 50c.; 25 seeds, 75c.; 50 seeds, \$1.25; 100 seeds, \$2.00; 500 seeds, \$8.00; 1,000 seeds, \$15.00, prepaid.

Book, "Ginseng," complete, 144 pages, 50c.



VAUGHAN'S VEGETABLE PLANTS.



HORSE RADISH ROOTS.



GINSENG



BUSH ALPINE STRAWBERRY.

Tree Seeds

GENERAL RULE:—Plant Tree Seeds in early spring in drills about 2 feet apart; cover ½ inch or more in depth, according to size of seed; keep them from drying out.

One-pound lots and less include postage. Larger lots at buyer's expense.



	Pkt.	Oz.	¼lb.	Lb.
Apple Seed (10 lbs., \$3.50; 100 lbs., \$30.00, by freight or express).....	\$0.05	\$0.10	\$0.20	\$0.45
Arbor Vitæ, American.....	.10	.25	.65	2.50
Birch, White.....	.05	.15	.35	1.00
Box Elder (10 lbs., \$2.00).....	...	.10	.15	.35
Catalpa Speciosa (5 lbs., \$2.00).....	.05	.10	.20	.60
Locust, Honey (5 lbs., \$1.50).....	...	.05	.15	.45
Locust, Black or Yellow (5 lbs., \$1.50).....	...	.05	.15	.45
Maple, Oregon Mammoth....	.10	.20	.50	1.60
Mulberry, Russian.....	.10	.20	.65	2.50
Osage Orange (10 lbs., \$3.75; 100 lbs., \$35.00).....	.05	.15	.20	.50
Pine, Scotch.....	.05	.15	.45	1.60
Spruce, Norway.....	.05	.10	.30	1.00

Small Fruit Seeds

These germinate slowly. Sow them early.

Strawberry, Bush Alpine. Grows in true bushy globular form with upright leaves. Can be used for borders. Fruits are perfectly true from seed. We offer both colors, red and white. Plants do not have runners. If sown early plants will bear the next year. Red or White, per pkt., 10c.; 1 pkt. of each for 15c.

Strawberry Seed, Mixed. Of several best kinds; new hybrid seed; may produce valuable sorts. Pkt., 15c.; 2 for 25c.

Raspberry Seed. Large fruited sorts, mixed. Pkt., 10c.; oz., 20c.

Currant Seed. Red sorts, mixed. Pkt., 10c.; oz., 30c. White sorts, mixed. Pkt., 10c.; oz., 30c.

Black Currant Seed. Pkt., 10c.; oz., 30c.

Gooseberry Seed. English; large fruited. Many sorts, mixed. Pkt., 10c.; ½ oz., 30c.

Tobacco Seed

Price, lb., \$2.50; ¼ lb., 65c.; oz., 25c.; pkt., 10c., postpaid, except where noted.

Primus. Yields big crops of extra fine quality.

Harby. A Turkish variety; stands heat and drought; lb., \$3.00; ¼ lb., 80c.

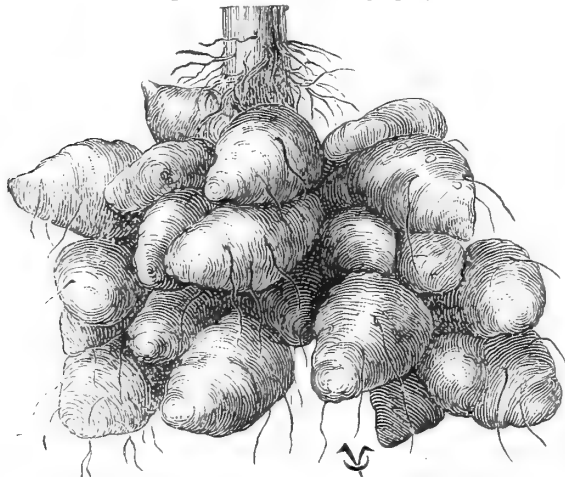
Brazilian-American. Finest Brazilian strain; lb., \$3.00; ¼ lb., 80c.

Big Havana. A hybrid Havana or Cuban seed leaf.

General Grant. It produces leaves 44 inches long, of proportionate breadth, and matures its crop perfectly as far North as Duluth, Minn.; lb., \$3.00; ¼ lb., 80c.

Connecticut Seed Leaf. Best adapted to the climate of the Middle and Northern States, as it is hardier and endures cold better than others.

Big Oronoko. Has no equal for strips and dark wrappers.



JERUSALEM ARTICHOKE.



GENERAL GRANT TOBACCO.



Drought-Resisting Grasses

Bromus Inermis (Brome Grass). The best new grass for pasture or hay. Most valuable grass for dry lands. It endures extremes of temperature and resists protracted drought, succeeding where Alfalfa fails. Poor lands are no discouragement. It grows best in light, sandy loam, but its roots will penetrate the stiffest clay. It is equally good for cutting green, pasturing or cutting into hay. In Dakota it yielded the second year nearly 2½ tons per acre, and on another acre plot 2 tons were cut June 28 and 2,600 pounds at a second cutting, August 19. Dr. Sewell of the U. S. Experiment Station, Garden City, Kas., says it is the equal of Timothy for cattle or horses, and makes as fine a pasture as Blue Grass. It has done equally well in Canada, Kansas and California. Use 35 to 40 pounds to the acre, if alone; if with Alfalfa, 15 pounds; they will grow well together. Cut when first coming into bloom. Price, for choice re-cleaned seed, lb., 25c.; 10 lbs., \$1.50; 25 lbs., \$3.25; 50 lbs., \$6.25; 100 lbs., \$12.00.

Bermuda Grass (Cynodon Dactylon). In the southern states and in the warmer regions of the southwest and on the Pacific slope, this is cultivated extensively, and is most highly prized chiefly for grazing, all kinds of stock being extremely fond of it. It grows freely on sandy soils where other grasses will not thrive, and resists extreme droughts and high temperatures. It is particularly a sun-loving grass and will not thrive in the shade. It is useful for binding sand and the loose soil of embankments, or those subject to wash. It makes fine lawns and is extensively used for that purpose in the hotter portions of the United States, for it will thrive where the grasses ordinarily employed for that purpose could not survive. Bermuda Grass should be sown in the Spring. It does not succeed further north than Virginia. Sow 8 pounds per acre. Per lb., \$1.00; 10 lbs., \$8.00; 100 lbs., \$75.00.

Johnson Grass (Andropogon Halepensis). In the warmer parts of the southern states it makes rapid growth, is but little affected by drought, and the hay, if cut just as the grass is coming into bloom, is much liked by all kinds of stock. Two or three cuttings may be made during the season. The extensively creeping root stocks are fleshy and tender, and hogs are very fond of them. This grass is very hard to eradicate, and if it is not wanted to spread, the grass must be cut before the seed is ripe. Johnson Grass should only be sown where it is desired as a permanent pasture. Sow in Spring, or in August to October, at the rate of 25 pounds per acre. Per lb., 20c.; 10 lbs., \$1.25; 100 lb., \$10.00.

Hog Pasture Grass and Clover Mixture.

This mixture is composed of varieties that will give the quickest and best results. A sowing made in the early Spring will furnish a luxuriant pasture by July of the same year. No hog raiser should be without an acre or two of this. Price, 14 lbs. (enough for one acre), \$1.70; 10 bushels (140 lbs.), \$16.50.



PHACELIA.

Splendid Honey Plants

Siberian Dragonhead. This is one of the best liked honey plants by bees. The plants bloom from June till August, grow about 18 inches high and are very ornamental besides being useful. Sow the seed thinly where the plants are to remain in April. Pkt., 5c.; oz., 10c.; 2 ozs., 15c.; ½ lb., 25c.; lb., 65c.

Phacelia (Tansy-Leaved). Best of all bee foods. This is much liked in Russia because of the mild honey it furnishes. The plants grow about 3 feet high and come into bloom very quickly, for that reason they can be had in bloom throughout the entire season if sown four times during the summer. It requires about 4 lbs. to sow an acre. The seed is small and should be covered but little. Pkt., 5c.; oz., 10c.; 2 ozs., 15c.; ½ lb., 25c.; lb., 75c.

OTHER GOOD HONEY PLANTS.

	Time of Blooming.	Pkt.	Oz.	½ lb.	lb.
Alyssum,	June-Oct.	5c.	20c.	60c.	\$2.00
Bartonia,	July-Sept.	5c.	25c.	60c.	
Borage,	July-Sept.	5c.	15c.	45c.	1.50
Centaurea,					
(Cyanus)	June-Sept.	5c.	15c.	35c.	1.00
Clarkia,	July-Sept.	5c.	20c.	50c.	1.60



AWNLESS BROME GRASS
(BROMUS INERMIS)

VAUGHAN'S HAY & PASTURE

SPECIAL GRASS MIXTURES

OUR customers have been quick to appreciate the value of these special mixtures in producing a heavier, thicker and long continued growth. The use of such mixtures is sure to become universal.

The following are the leaders; for other conditions or soils not stated below, write us.

THE AMOUNT OF SEED

necessary to sow an acre largely depends on the quality of the land; the poorer the soil the larger the quantity required. A fair average is from 35 to 40 pounds to the acre. The thicker seeds are sown, the sooner will a fine close turf be obtained.

Vaughan's Meadow Mixtures

No. 1. On Good Land, Neither Too Dry Nor Too Wet.

This mixture is composed of the following grasses and clovers, blended in the proper proportions:

Fancy Red Top.
Meadow Foxtail.
Tall Meadow Oat Grass.

Orchard Grass.
Hard Fescue.
Sheep's Fescue.
Perennial Rye Grass.

Timothy.
Red Clover.
Alsike Clover.

Price, 10 lbs., \$2.00; 35 lbs. (about enough for one acre), \$4.65; 100 lbs., \$12.50; 1000 lbs., \$115.00.

No. 2. FOR HIGH AND DRY LAND

This mixture is composed of the following grasses and clovers

Fancy Red Top.
Tall Meadow Oat Grass.
Crested Dog's Tail.
Orchard Grass.
Hard Fescue.

Sheep's Fescue.
Timothy. [Grass.
Rough-Stalk Meadow
Red Clover.
White Clover.

Price, 10 lbs., \$2.25; 35 lbs. (about enough for one acre), \$5.95; 100 lbs., \$16.50; 1000 lbs., \$155.00.

Vaughan's Pasture Mixtures

No. 3. On Good Land, Neither Too Dry Nor Too Wet.

This mixture contains some of each of the following, properly proportioned:

Tall Meadow Oat Grass.
Red Top.
Orchard Grass.
Sheep's Fescue.
Hard Fescue.

Perennial Rye Grass.
Meadow Foxtail.
Kentucky Blue Grass.
Timothy. Red Clover.
White Clover.

Price, 10 lbs., \$1.75; 35 lbs. (about enough for one acre), \$4.75; 100 lbs., \$12.75; 1000 lbs., \$125.00.

No. 4. ON DRY LAND.

This mixture is composed of the following:

Creeping Bent Grass.
Tall Meadow Oat Grass.
Kentucky Blue Grass.
Orchard Grass.
Red Clover.

White Clover.
Hard Fescue.
Sheep's Fescue.
Timothy.
Perennial Rye Grass.

Price: Same as mixture No. 2.

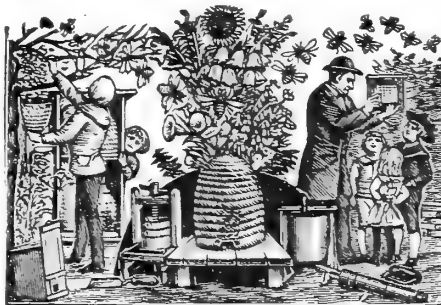
No. 5. ON WET LAND.

This mixture contains:

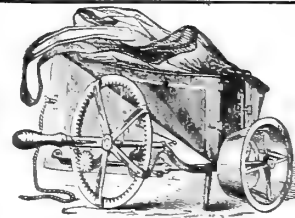
Fancy Red Top.
Orchard Grass.
Meadow Fescue.
Perennial Rye Grass.
Kentucky Blue Grass.

Alsike Clover.
White Clover.
Meadow Foxtail.
Timothy. [Grass.
Rough-Stalk Meadow

Price: Same as mixture No. 4.



BEE KEEPING



Cahoone Seeder

Holds 22 Quarts.
Scatters 20 feet.
Weight, 5½ Pounds.
Price each, \$2.90.

Special Offer No. 777.
One pkt. each of the 12 Honey plants for 50 cents.

Special Offer No. 888.
One ounce each of the 12 Honey plants for 90 cents.



TIMOTHY (Phleum Pratense).

Vaughan's Grass Seeds CLOVER SEEDS

High Grade Recleaned

These prices mean good seed in purity, germination and weights. We ship from Chicago or New York, subject to market fluctuations. Should any of these prices appear high, write for our samples and the latest market price. If to go by mail, add 10 cents per pound for postage.



RED-TOP GRASS (Agrostis Vulgaris).

Bent Grass, Rhode Island (Agrostis Canina). Makes a good turf and is one of the very best grasses for lawns. (14 lbs. to bu.) **Lb., 30c.; 10 lbs., \$2.00; 100 lbs., \$18.00.**

Bent Grass, Creeping (Agrostis Stolonifera). A lawn grass of fine texture, rooting from the stems. (20 lbs. to bu.) **Lb., 25c.; 10 lbs., \$2.00; 100 lbs., \$18.00.**

Blue Grass, Kentucky (Poa Pratense). Also known as June and Meadow Grass. One of our most valuable lawn and pasture grasses. It is early and continues growing till late in the fall; succeeds in almost any soil and goes through drought successfully. It is slow in becoming established and is best sown in mixture with quicker grasses. (Bu. 14 lbs.) Fancy clean, **lb., 20c.; bu., \$1.60; 10 lbs., \$1.20; 100 lbs., \$10.50.**

Blue Grass, Canada (Poa Compressa). A flat-stemmed grass with creeping root stalks. Succeeds on poor, dry soil; valuable for dairy pastures. (Bu. 14 lbs.) **Lb., 15c.; 10 lbs., \$1.00; 100 lbs., \$7.50.**

Dog's Tail, Crested (Cynosurus Cristatus). Its deep-rooting habit adapts it to shady and dry hilly situations. A good variety for pasture or lawn in mixtures. (21 lbs. to bu.) **Lb., 50c.; 10 lbs., \$4.50; 100 lbs., \$40.00.**

Fescue, Meadow or English Blue Grass (Festuca Pratense). Is one of the earliest, most nutritious and productive of all the grasses. It thrives well on all good soils; makes a perfect sod and is valuable for permanent pasture. Sow 1½ bushels to the acre. (Bu. 20 lbs.) **Lb., 20c.; 10 lbs., \$1.20; 100 lbs., \$7.00.**

Fescue, Hard (Festuca Duriuscula). Valued for its dwarf habit and should form a part of every mixture for lawns and for permanent pasture. Sow 30 lbs. to acre. (Bu. 12 lbs.) **Lb., 25c.; 10 lbs., \$1.60; 100 lbs., \$12.00.**

Festuca Rubra (Red or Creeping Fescue). A creeping rooted species, forming a close and lasting turf, and especially adapted for dry, sandy soils. It resists extreme drought and thrives on very inferior soils. 30 lbs. to the acre. (14 lbs. to the bushel.) **Lb., 25c.; 10 lbs., \$2.00; 100 lbs., \$18.00.**

Fescue, Sheep's (Festuca Ovina). A good pasture grass for dry uplands. Sheep are fond of it; it is also a valuable lawn grass on account of its fine foliage and dense growth. (Bu. 12 lbs.) **Lb., 20c.; 10 lbs., \$1.60; 100 lbs., \$12.00.**

Festuca Tenuifolia (Slender Fescue). It will grow on very dry and inferior soils, and its dwarf habit of growth and fineness of leaf render it not unsuitable for dry slopes on lawns. 30 lbs. to the acre. (22 lbs. to the bushel.) **Lb., 40c.; 10 lbs., \$3.50; 100 lbs., \$30.00.**

Fescue, Various Leaved (Festuca Heterophylla). Its many root leaves make it a good bottom grass for pasture mixtures. Does well in shade. (14 lbs. to bu.) **Lb., 30c.; 10 lbs., \$2.20; 100 lbs., \$20.00.**

Fox Tail, Meadow (Alopecurus Pratensis). It grows best on rich, moist soils, and is one of the most reliable grasses for permanent pastures in mixture with other grasses. (7 lbs. to bu.) **Lb., 25c.; 10 lbs., \$2.25; 100 lbs., \$20.00.**

Meadow Grass, Rough Stalked (Poa Trivialis). Valuable as a bottom grass in pasture mixtures. (14 lbs. to bu.) **Lb., 35c.; 10 lbs., \$3.00.**

Oat Grass, Tall Meadow (Avena Elatior). An early and luxuriant grower; hardy and drought resisting. Cultivated for winter grazing in the Southern States. (13 lbs. to bu.) **Lb., 25c.; 10 lbs., \$2.00; 100 lbs., \$18.00.**

Orchard Grass (Dactylis Glomerata). One of our most valuable hay and pasture grasses; will grow in shade; can be sown alone in orchards. (14 lbs. to bu.) Sow 40 lbs. per acre. **Lb., 20c.; 10 lbs., \$1.50; 100 lbs., \$12.00.**

Red Top (Agrostis Vulgaris). This is our most permanent native perennial grass. It is equally good for lawns or pasture and meadow mixtures. There are two grades of it, the common or chaffy and the fancy, which is absolutely clean seed. We recommend the fancy. **Red Top, common, lb., 15c.; 10 lbs., 80c.; 100 lbs., \$5.00.** (14 lbs. to bu.) **Red Top, fancy, solid seed, (bu., 32 lbs.) Lb., 20c.; 10 lbs., \$1.50; 100 lbs., \$8.00.**

PROFITABLE READING

Vaughan's Selected Prepaid List of Rural Books, page 125.

Rye Grass, English or Perennial (Lolium Perenne). A quick growing lawn and pasture grass. (Bu., 24 lbs.) **Lb., 20c.; 10 lbs., \$1.00; 100 lbs., \$6.00.**

Rye Grass, Italian (Lolium Italicum). A rapid grower; hardy and very productive on rich, moist soils. (Bu., 18 lbs.) **Lb., 20c.; 10 lbs., \$1.00; 100 lbs., \$6.00.**

Sweet Vernal (Anthoxanthum Odoratum Puelli). Annual. Emits a sweet odor. (10 lbs. to bu.) **Lb., 20c.; 10 lbs., \$1.50; 100 lbs., \$12.00.**

Timothy (Phleum Pratense). It makes the standard grass for hay. Can be sown alone or with Red Clover. Should be cut when flowering. We handle strictly pure stock. (45 lbs. to bu.) Sow 25 lbs. per acre. **Lb., 10c.; 5 lbs., 40c.** Ask for prices in bushel lots and over.

Wood Meadow (Poa Nemoralis). Well adapted for growing under trees and in shaded situations. Dwarf and fine growing. Sow 2½ bushels per acre. (Bu., 14 lbs.) **Lb., 50c.; 10 lbs., \$40.00.**

CLOVERS.

Prices do not include postage. If to go by mail, add **8c. per lb.** Prices are subject to market changes. Samples free on application. Bags, **17c. each**, for bushel lots and over.

Medium Red. One of the most valuable farm crops for pasture, hay or for turning under to enrich the soil. (Bu., 60 lbs.) **Lb., 20c.** Ask for prices in quantity.

Mammoth Red or Pea Vine. Grows larger and lasts longer than the common red. (Bu., 60 lbs.) **Lb., 20c.** Ask for prices in quantity.

Alsike or Hybrid. Succeeds in cold, stiff soils and on land which is too wet for other species. (Bu., 60 lbs.) **Lb., 20c.** Ask for prices in quantity.

White Clover. Extra choice seed. Valuable in lawn and pasture mixtures for its binding qualities; its creeping stems root at the joints interweaving the plant into a lasting turf. (60 lbs. to bu.) **Lb., 35c.; 10 lbs., \$2.75; 100 lbs., \$23.00; bu., \$14.00.** Prime Seed (Bu., 60 lbs.) **Lb., 25c.; 10 lbs., \$2.50; 100 lbs., \$20.00; bu., \$12.25.**

Bokhara or Sweet Clover. A good bee plant. Should be cut before going to seed to prevent it from spreading and becoming troublesome. **Lb., 27c.; 10 lbs., \$2.00; 100 lbs., \$18.00.**

Crimson or Scarlet Clover. Largely grown in the Southern States for winter and spring forage and for green manure by plowing under. (Bu., 60 lbs.) **Lb., 15c.; 10 lbs., \$1.00; 100 lbs., \$6.00; bu., \$3.75.**

ALFALFA OR LUCERNE.

The Great Four Crop Clover. Visitors to California, Wyoming, Colorado and New Mexico have seen in the fresh green fields of even dry lands the luxuriant, tangled growth, showing what Alfalfa is and can do. It is being used to advantage all over the country. It prefers a loose, porous soil. The roots penetrate 12 to 15 in. It prefers dry land and succeeds where but few inches of rain fall per year. Does not do well in wet land or under much rain. It is a splendid crop to renew wornout land. Cut every time it is in full bloom, three to four times per year. Keep weeds out of crop the first year, then it will care for itself. Sow 15 lbs. per acre in drills and 25 lbs. if sown broadcast. Price, extra choice recleaned seed. (bu., 60 lbs.) **Lb., 25c.; 10 lbs., \$1.75; bu., \$9.75; 100 lbs., \$16.00.** Prices variable; write for quotations. Bags, **17c. each.** We have two grades of this, choice and prime, and will mail samples on request.

BEACH GRASS A Sand Binder.

Is probably the best grass cultivated as a sand binder. It grows from 2 to 3 or 4 feet high. Its long, tough leaves are not cut or injured by the blowing sand. The creeping underground roots or rhizomes extend horizontally, and their course is indicated by a succession of plants which spring from them. The peculiar habit of this grass, and one which especially adapts it for binding sands, is this power to continue the upward growth when partially buried, sending out new roots from the nodes as these are covered by the same. Sow the seed in spring in ordinary garden soil, covering the seed about an inch. The plants should be strong enough in September to be set out in the exposed places which they are intended to reclaim. If the seeds are sown in shifting sands it will be necessary to cover with brush or boards to keep the sand in place until they sprout.

Price, per lb., **\$1.00; ¼ lb., 30c.; 1 oz., 15c., postpaid.** By express at buyer's expense, per lb., **90c.; 5 lbs., \$4.25; 10 lbs., \$8.00.**

TURKESTAN ALFALFA.

This new clover has all the merits of the Standard Alfalfa, but it has more—it is easier to get the young crop started into growth; it is more hardy and is said to resist drought better. If it does these things, it must soon become the greatest clover to use for permanent pasture and meadow in all the dry and arid soils.

Price, per lb., **25c.; 5 lbs., \$1.15; 10 lbs., \$2.00; 25 lbs., \$5.00.**

LAND PLASTER.

Applied as a top dressing for Grass and Clover crops in the spring increases the growth and yield of same very largely. It is also of decided benefit to use when planting potatoes in connection with fertilizer or manure, and its liberal use in stables, cattle stalls, poultry houses and on manure piles will prevent escape of ammonia, increasing the value of the farm manure amazingly. Its great usefulness, cheapness and effectiveness should make it universally and liberally used on every farm. Price, **90c. per 100 lbs.; \$3.50 per 500 lbs.; \$6.50 per 1000 lbs.; \$12.00 per ton.**

Vaughan's "Central Park" Lawn Seed

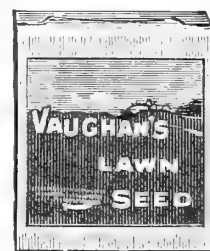


Prepared for use in our famous Parks, named by us and sold at our stores for many years with very general satisfaction. It will produce an even, dense growth of permanent sward as early in the season as it is possible to do. This mixture contains no annual grasses for making quick show to the detriment of a good lawn, but only those of lasting value and hardiness, which, when once established, need no reseeding for years. Our seed, which we know to be as pure as can be found anywhere, is of the best varieties, best suited for even and permanent growth; it is carefully cleaned, and as free as it is possible to make it from foreign matter.

PRICE: Per lb., 25c.; 3 lbs., 65c.; 5 lbs., \$1.00; 10 lbs., \$1.85; 15 lbs., \$2.75; 25 lbs., \$4.25; 50 lbs., \$8.25; 100 lbs., \$16.00. If to go by mail add 8 cents per lb. for postage.

QUANTITIES TO USE		
1 lb. for	400 square feet	
5 " "	2,000 " "	
10 " "	4,000 " "	
15 " "	6,000 " "	
25 " "	one-fourth acre	
50 " "	one-half " "	
100 " "	one " "	

If intended for renovating an old lawn, about half the above quantities are sufficient for the given spaces.



Vaughan's Columbian Lawn Grass Mixture

For Shaded Lawns and Sandy Soil

VAUGHAN'S LAWN FERTILIZER

... Is Essential to a Good Lawn ...

A selection of the fine grasses which thrive naturally under the shade of trees or buildings, or are suitable for light sandy soil. This mixture was extensively used on the World's Fair Grounds, where we furnished large quantities of this seed to the landscape department, and where it gave splendid results. Sow at least 50 lbs. of seed per acre to make a new lawn; or 20 lbs. per acre for thin grass.

PRICE: Per lb. (enough for a space 15 x 15 feet), 25c.; 3 lbs., 65c.; 5 lbs., \$1.00; 10 lbs., \$1.75; 20 lbs., \$3.25; 25 lbs., \$3.85; 50 lbs., \$7.50; 100 lbs., \$14.00. If by mail add 8 cents per lb. for postage.

How to Make a Lawn

Is fully described in our pamphlet, which will be given free in every package of Lawn Seed.

A lawn may be established either by Sodding or Seeding. The latter is not only much less expensive, but much more satisfactory, as better grasses can be thus obtained, and the Quality and Variety of the grasses have a great deal to do with the appearance and permanency of the lawn.

Special Quotations

We shall be pleased to quote special prices to Golf clubs, institutions, parks and others who require Lawn Grass and Clover Seeds in large quantities.

We shall at all times be pleased to make up mixtures for special requirements and situations. Correspondence invited about any difficulties experienced in getting the right turf for any purpose or in any place.

Vaughan's Special Grass Mixture

This extra-choice mixture contains a large proportion of the finer and more expensive species, such as Rhode Island Bent, Crested Dog's-Tail, Creeping Bent, in extra-heavy samples, bringing the weight up to 20 lbs. per bushel, and producing a turf of the closest and finest texture possible. Price per bushel of 20 lbs., \$4.50.

Vaughan's Lawn-Restoring Grass Mixture

A mixture of grasses peculiarly suited to take firm hold and grow quickly on hard, worn-out or burned spots. The best time to resow them is very early in spring, but seed may also be sown in the fall from first of September to first of October. Some Lawn-restoring Grass Seed should also be sown before every summer rain on thin places. Price per quart, 25c.; per bushel of 24 lbs., \$4.50.

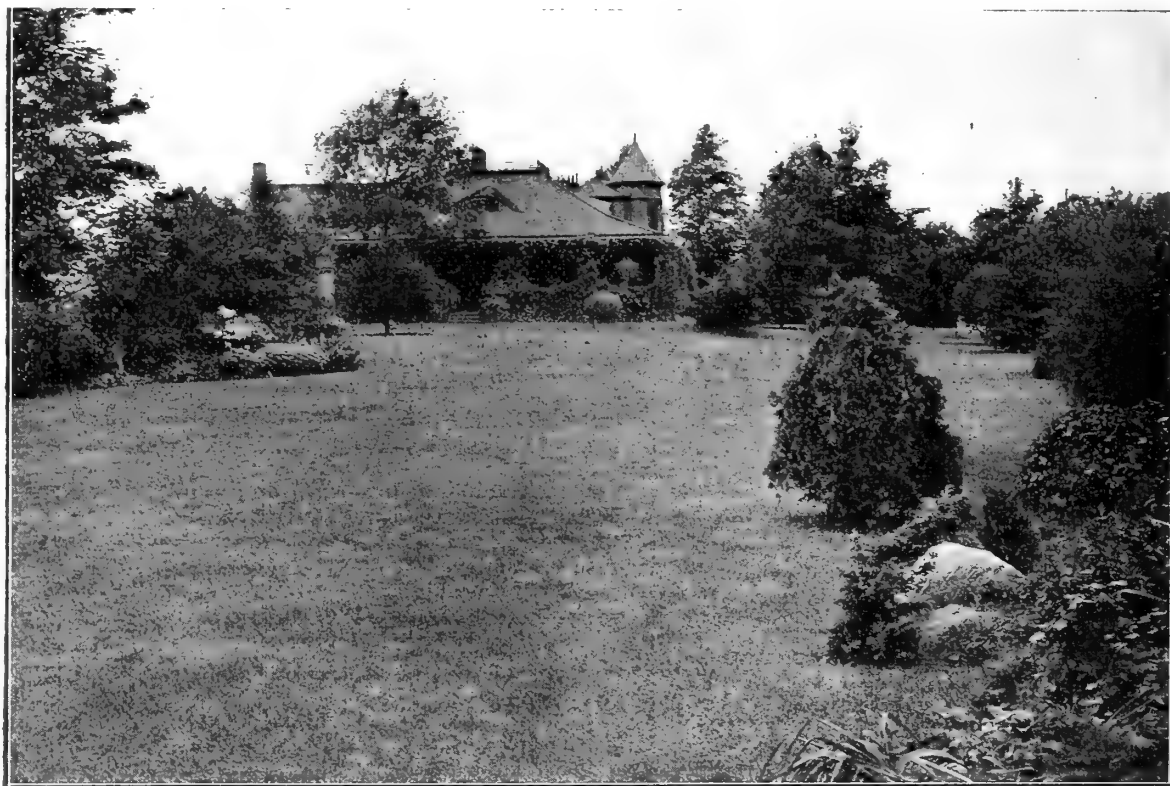
Kentucky Blue Grass. Many prefer this to a mixture of grasses and the fact can not be denied that a lawn of Blue Grass only is magnificent; it takes longer, however, to get it established.
Fancy Clean Seed. Per lb., 20c.; 3 lbs. 50c.; bushel, 14 lbs., \$1.60; 5 bushels, \$7.75.

White Clover. Extra Choice Seed. Per lb., 35c.; 3 lbs., 90c.; 5 lbs., \$1.30; 10 lbs., \$2.50. Add 8 cents per lb. to above prices if wanted by mail.

Red Top Grass. Fancy Clean Seed. Per lb., 20c.; 5 lbs. for 75c.

Red Top Grass. Choice Seed. Per lb., 15c.; 6 lbs., 60c.

Where an immediate effect for one season is desired there is none better than the Red Top Grass, as it comes up quickly and makes a beautiful lawn, but the grass is liable to winter-kill.



THE LAWN AT EGANDALE

Vaughan's "Golf Link" Grass Seed

This is a special mixture of the finest grasses that will stand the wear and tear and retain its velvety appearance.

Price: Per lb., 25c.; 5 lbs., \$1.00; 50 lbs., \$9.50; 100 lbs., \$18.00. Special price on larger lots.

Putting-Green Mixtures. A mixture of extra fine grasses, that will make a close, firm, green and lasting turf, which will improve with tramping. Price per lb., 30c.; 5 lbs., \$1.10; 50 lbs., \$10.00; 100 lbs., \$19.00.

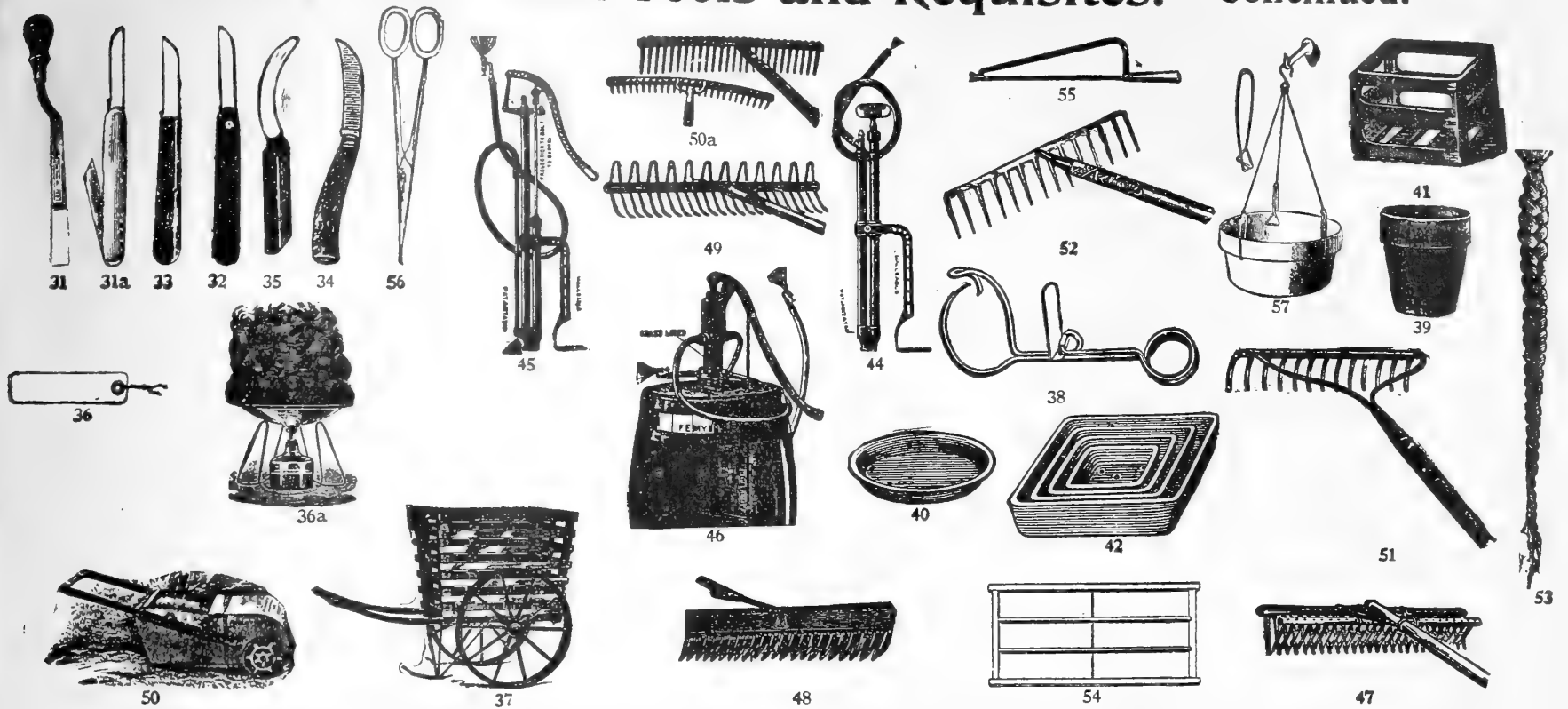
Vaughan's Mixture for Tennis Lawns, for Cricket, Croquet, Bowling Greens, Etc.

A mixture of strictly perennial grasses without clovers, specially adapted to produce a close fine enduring sward. Sow from 50 to 60 lbs per acre for a new lawn or bowling green; 15 to 20 lbs. per acre to improve existing turf.

Price: Per lb., 25c.; 5 lbs., \$1.00; 15 lbs., \$2.75; 25 lbs., \$4.25; 50 lbs., \$8.25; 100 lbs., \$16.00.

Vaughan's Lawn Grass for the South

A mixture of grasses that stand extremes of heat and drought well and that are therefore peculiarly adapted for southern lawns. Per bu., of 20 lbs., \$4.50.



Prices Given Below Do Not Include Prepaying of Charges Except Where Noted.

INSECT DESTROYERS.—Continued.

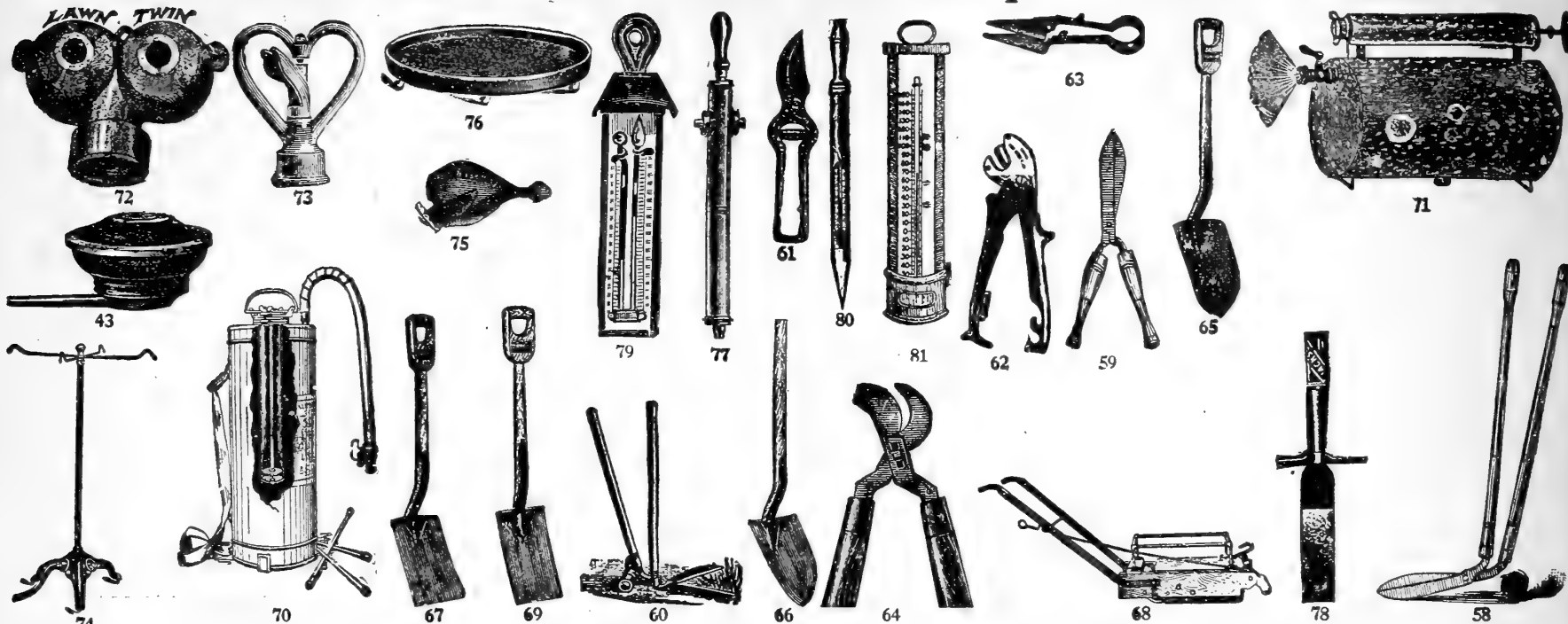
- Bordeaux Mixture.** Prevents black rot, mildew and rust. One qt. bottle 25c; 2 qts for 40
Bordeaux Mixture. In dry form. Lb., 25c.; 40
 postpaid.
Dug Death is a non-poisonous insect-killing powder, that is in high favor, especially among many market gardeners, who use it extensively for cabbage and tomato worms, potato and cucumber bugs, etc. It is applied at the rate of about 12 lbs. per acre. Price, 15c. lb.; 3 lbs., 35c.; 5 lbs., 50c.; 12½ lbs., \$1.00; 100 lbs. 7 00
Flr Tree Oil. A most popular and best all-around insecticide for greenhouse and house plants, especially for mealy bug, scale, red spider, black and green aphids, thrip, lice, worms and slugs. Small bottle, 25c.; ½ pt., 40c.; pt., 75c.; qt., \$1.25; gallon. 4 00
Flr Tree Oil Soap. For thrip, red spider, black and green fly, mealy bug, worms and slugs. Per ½-lb. tin, 25c.; by mail. 53
Postito. A preventive and cure for fungoid diseases, mildew, black rot, leaf blight, rust, etc. Per lb., 15c.; 5 lbs. 50
Grape Dust. Excellent for the prevention and destruction of mildew on plants. Per lb., 10c.; 5 lbs. 35
Powdered White Hellebore. Less poisonous than Paris Green and safer to use. Per lb., 25c.; by mail. 40
Kerosene Emulsion. For plant lice of any kind; 2-qt. can. 35
Lemon Oil. Destroys mealy bug, scale, thrip, red spider, etc.; ½-pt., 30c.; pint, 50c.; qt., 85
Nicotide. Fumigating compound for killing all kinds of insects on plants in greenhouses and frames.
 1 pint sufficient for 32,000 cubic ft. of space..\$2 50
 ½ " " " 16,000 " " " 1 25
 4 ozs. " " " 8,000 " " " 70
Fumigators for above, each, (Fig. 36a)..... 50
Fumigator. Is a piece of burlap saturated with nicotine and dried. When lighted it burns slowly and is a convenient and effectual remedy for "smoking" conservatories, etc., being especially effective against green and black fly and thrip. Price, per sheet 10c.; each 10 sheets for 90c.; 100 sheets. 8 00
Nikoteen. Highly concentrated. Pint. 1 50
Paris Green. Per lb., 25c.; by mail. 40
Persian Insect Powder. Lb., 40c.; by mail. 55
Solution of Copper. For use on trees, vines or vegetables affected with rot, blight or scab. Per qt. 50
Slug Shot, Hammond's. Guaranteed to destroy potato bugs and those on tomato and egg plants, currant worms, cabbage lice, and worms. Price, 5 and 10 lb. packages, 5c. per lb.; 25 to 50 lbs. at 4½c. per lb. B-barrelful, in bulk, 235 lbs., \$9.00 on cars; 3 barrels in bulk, per 100 lbs., at. 3 60

INSECT DESTROYERS.—Continued.

- Slug Shot Duster..... 35**
Thrip Juice. Destructive for mealy bug, scale, thrip, codling moth, canker worm, beetles, caterpillars, etc. Per pt. 40
Tobacco Dust. One of the best remedies for green and black aphids, fleas, beetles, etc.; Lb. 10c.; by mail, 25c.; 5 lbs., 25c.; 10 lbs., 40c.; 100 lbs. 2 50
Rose Tobacco Soap. One of the best for green fly on roses. Per ½ lb. box, 25c.; by mail, 30c.; 2 oz. pkg. 10
Tobacco Stems. For fumigating. Per lb., 15c.; per 100 lbs. 1 25
Whale Oil Soap. Makes an excellent wash for trees and plants where insects and eggs affect the bark. Per lb., 15c.; 2 lbs., 25c.; 5 lbs. 50
Knife Hones. Tam O'Shanter, imported. Each, 20c.; postpaid. 25
Knives, Asparagus (Fig. 31.) American, each, 40c.; by mail. 50
Budding (Fig. 32.) Ivory handle. Each, \$1.00; by mail. 1 10
 Black handle ivory tip, strong. Each, 75c.; by mail. 80
Propagating. Ivory handle each \$1.00; by mail. 1 10
Propagating. (Fig. 33.) "The Vaughan," the best of all. Each 75c.; by mail. 80
Budding and Propagating. (Fig. 31a) 2 blades, ivory handle. Each \$1.50; by mail. 1 65
Pruning. (Fig. 32.) Stag handle, English. Each \$1.00; if by mail, \$1.10. American, a good tool. 75
German Pruning. Two blades. Each, \$1.00; 3 blades. 1 25
Potato Knife. "The Humphrey" (Fig. 35.) Will cut to one or more eyes without injuring the vital tissues. Each, postpaid, 30c.; 3 for. 75
Labels. Aluminum Tree Labels (Fig. 36.) The writing, which is done with an ordinary lead pencil, gets plainer with age. They are wired and measure 3½ inches long, 1 inch wide. Price per doz., 30c.; per 100. \$2 00
Label Glass. Per doz., 25c.; per 100. 2 00
Wooden. For pots, painted, 4-inch, per 100, 15c.; per 1,000, 75c.; 6-inch, per 100. 25
Copper Labels. Indestructible. Small 20c.; doz., large. 25
Leaf Cart (Fig. 37.) This is a hand cart frame with a very light wood rack, designed for carrying leaves and other light material. Price. 12 75
Leaf Mould. For potting ferns and like plants. Bbl. 1 50
Mats, Rattan, Singapore Fibre Hotbed. It is 6 ft. 2 in. long by 6 ft. wide. Each. 2 50

- Mole Traps, Out o' Sight.** One of the best mole and gopher traps ever invented. If set correctly it is absolutely sure to catch the mole. Each. 85
Peat. For potting orchids, etc. Per bbl. 2 25
Peat Fluck. For potting Azaleas. Per bbl. 1 50
Pencils, Indelible. With tip. For marking labels. Each, 15c.; dozen, postpaid. 1 50
Plant Bed Cloth for Flower Beds. Cheap substitute for glass, answering many uses equally well.
 20 yards and 50 yards and 100 yards and
 upward. Per yd. upward. Per yd. upward. Per yd. upward.
 Medium.... 9c. Medium... 9½c. Medium... 8½c.
 Heavy.... 13c. Heavy.... 11½c. Heavy.... 11½c.
 We do not sell less than 20 yards of a kind.
Pots—Common Flower (Fig. 39.) We pack these carefully but will not be responsible for breakage in transit.
 Per doz. 100 Per doz. 100
 2-inch pots..\$0 15 \$0 60 7-inch pots.. 1 00 \$6 00
 3-inch pots.. 20 1 00 8-inch pots.. 1 25
 4-inch pots.. 35 1 50 10-inch pots.. each 35
 5-inch pots.. 45 2 50 12-inch pots.. each 40
 6-inch pots.. 60 4 00
Saucers. Per doz. Per doz.
 3-inch.....\$0 15 \$0 60 7-inch.....\$0 50
 4-inch..... 20 1 00 8-inch..... 80
 5-inch..... 30 1 50 10-inch.....each, 20 cts.
 6-inch..... 40 2 50 12-inch.....each, 25 cts.
Saucers (Fig. 40) Made of Indurated Fibre Ware. Each. Doz.
 6 inches diameter, 1½ inches deep...\$0 10 \$0 95
 8 " " " 1½ " " " 10 1 10
 10 " " " 1¾ " " " 12 1 25
 12 " " " 2 " " " 15 1 40
Fern Pans. Each. Doz. Each. Doz.
 5½-inch....\$0 06 \$0 60 8 -inch....\$0 12 \$1 25
 6½-inch.... 07 75 9 -inch.... 15 1 45
 7 -inch.... 08 85 10 inch.... 20 1 85
Square Orchid Pots (Fig. 41). Each. Doz. Each. Doz.
 4-inch.....\$0 15 \$1 35 6-inch..... 25 \$3 25
 5-inch..... 20 1 80 7-inch..... 30 3 00
Round Orchid Pots. Each. Doz. Each. Doz.
 4-inch.....\$0 10 \$1 00 7-inch..... 25 2 50
 5-inch..... 15 1 50 8-inch..... 30 3 00
 6-inch..... 20 2 00
Square Seed Pots (Fig. 42.) Each. Doz. Each. Doz.
 6-inch....\$0 25 \$2 50 10-inch....\$0 35 \$4 00
 8-inch.... 30 3 00 12-inch.... 40 4 50
Pot Hanger, Kramer's (Fig. 57.) The neatest, simplest, most convenient and only practical device for converting ordinary flower pots into hanging baskets. They fit all standard pots from 2 to 10 inches in diameter. The illustration shows how they are attached. Just the thing for hanging up ferns, begonias, etc. You can make room and money by their use. Try them.
 Price, each.....\$0 15
 Dozen, postpaid..... 1 35

Garden and Farm Tools and Requisites.—Continued.



Prices Given Below Do Not Include Prepaying of Charges Except Where Noted.

Potting Soil. This is a mixture especially prepared by us and such as used at our own greenhouses. It is suitable for all ordinary plants and bulbs, and will be sent by express or freight at buyer's expense, sifted and packed ready for use. Per pk., 35c.; bu. \$1.00; bbl. \$2.00

Powder Gun, Jumbo (Fig. 43.) Each, 25c.; by mail, 30c.; small size, 10c.; by mail, 15

Pump Spray. Little Giant (Fig. 44), brass spray pump, with fine, coarse and solid stream nozzles, for spraying insecticides, malleable foot rest. Each 3 25

—**Little Giant (Fig. 45.)** Same as above but fitted with lever handle and Bordeaux Spray Nozzle. Specially designed for white-washing. Each 4 00

—**Double Acting Barrel Spray (Fig. 46.)** Complete except barrel, consisting of one pump, 3 feet of suction pipe, strainer and agitator, and 2 leads of 1/2-inch 3-ply hose, 5 feet long, and two Vermorel or Bordeaux spray nozzles. Price 9 00

LAWN RAKES.

Automatic Self-Cleaning (Fig. 47.) Twenty-six wood teeth. A backward motion of the operator clears all the teeth at once. Each 65

English Daisy (Fig. 48.) For running over lawns, tearing off disfiguring daisy and dandelion flowers; 20 teeth. Each 2 75

Lawn Queen (Fig. 49) 24 steel wire teeth, reversible head. Each 45

Gem Lawn Sweeper. (Fig. 50.) It takes up all the grass, either long or short, twigs, leaves and small loose litter of any kind, that a hand rake would not touch. One of the best machines for this purpose. Price 14 00

The Ole Olson Lawn Rake (Fig. 50a.) The Teeth are so constructed that when driven into the head they will never shrink from place and cannot fall out. Each, 50c.; 3 for \$1.40; dozen 5 25

Steel Bow Garden (Fig. 51.) Best rake; does not break in the center; 12 teeth, 40c.; 14 teeth, 50c.; 16 teeth 60

Garden (Fig. 52.) 12 teeth, 35c.; 14 teeth, 40c.; 16 teeth 45

Rafia (Fig. 53.) The best tying material for plants. Per lb., 25c.; postpaid 40

Sash Hotbed (Fig. 54.) Unglazed, for 10-inch glass, each, \$1.10; 3 for \$3.00; doz 10 60

—For 8-inch glass, each, \$1.10; 3 for \$3.00; doz 10 80

SAWS.

Double Edge Pruning. Holes are provided in the handle for attaching to a pole; 16-inch, 85c.; 18-inch, \$1.00; 20-inch 1 15

Vaughan's "Perfection" Pruning (Fig. 55.) Adjustable blade, so branches can be easily removed close to the trunk of the tree. Each, Extra blades 1 85

Scissors, Grape Thinning (Fig. 56) Each 60

Scythe Blade. Imported; English riveted back; 30-inch, \$1.10; 36-inch, \$1.20; 40-inch 1 30

Scythe Blade.

—**American Lawn.** Each 75

—**Swath.** Each 1 00

—**Stone Talacre.** Imported. Each 25

Shears, Border (Fig. 58.) English, long handles; 9-inch, \$2.00; with wheel 2 50

Hedge (Fig. 59.) Best imported English.

8-inch, \$1.25; with notch 1 40

9-inch, \$1.50; with notch 1 65

10-inch, \$1.75; with notch 1 90

The notch is at the crutch of the blades for cutting small branches.

Grass Shears (Fig. 60.) Flat, on two wheels, long handle. Each 2 75

German Pruning (Fig. 61.) 4 1/2-inch, price, each, 75c.; 5 1/2-inch, 85c.; 6 1/2-inch, 90c.; 7 1/2-inch, \$1.10; 8 1/2-inch, \$1.20; 9 1/2-inch 1 35

Extra springs, each 15

California Pruning. Best grade, with double brass springs and one extra blade. Each 2 75

Levins Pruning (Fig. 62.) One of the best pruning shears made. Each 50

Sheep (Fig. 63.) With thumb guard (see cut). For trimming grass on edges and around flower beds. Each 35

Buckeye Pruning. Long handle. Each, 75c.; larger size, heavier 1 25

Clyde Draw Cut Pruner (Fig. 64.) Extra strong, long handle 2 25

Improved Wire. For cutting annealed wire. Each 85

Shovels.

Ames, D handle, round point (Fig. 65.)

Each 1 35

Ames, long handle, round point (Fig. 66)

Each 1 30

Ames, D handle, square point (Fig. 67.)

Each 1 30

Spades. Ames Special D handle (Fig. 69.)

Each 1 25

Sod Lifting. Each 2 50

Sprays. Auto Spray (Fig. 70.)

Eight to ten strokes of the plunger in air chamber will compress enough air to discharge the entire contents and make a continuous spray for nine minutes. The "Auto Spray" has been improved this season by the addition of the "Auto Pop" shown in illustration. Briefly described the "Auto-Pop" is an automatic valve which is closed by the air pressure used to operate the "Auto-Spray." In operation a lever is moved by simply closing the hand, thus opening the valve and allowing an instantaneous discharge of spray. By releasing the lever it closes itself automatically, hence the spray is in perfect control. Price, galvanized iron reservoir, \$4.50; with Auto-Pop, \$5.50; solid copper reservoir, \$6.00; with Auto-Pop 7 00

Extension Rods 2 foot lengths 35

Sprays.

—**Compressed Air Sprayer (Fig. 71.)** It only takes a moment with this sprayer to pump in air and there is no more labor required. The reservoir, holds one gallon. To those who do not wish to pay the high price for an "Auto-Spray" this machine is the best substitute. Price, with galvanized iron reservoir, \$1.50; price with solid brass reservoir 2 25

—**Eclipse.** We offer the Eclipse in two styles, No. 1. Made of hard spring brass. Price, 1 25

No. 2 is exactly like No. 1 except material is XXX re-dipped tin, gold lacquered 60

—**Gray's Paris Green.** Used for spraying potatoes, cucumbers, melons and other vines. Each 3 50

Sprinklers. Lawn Twin. (Fig. 72.) The simplest, neatest and most effective Lawn Sprinkler on the market. It throws a constant, symmetrical and fine spray. Price, each, 50c.; 3 for \$1.35; dozen 5 00

If by mail add 5c. each for postage.

—**Merrill's Rotary (Fig. 73) (Butterfly).** The cheapest and best sprinkler made. Each, 30

—**"Rainmaker."** The best Lawn Sprinkler in the market, 50c.; postpaid 85

—**Four and Eight Arm (Fig. 74.)** Serves the double purpose of a beautiful fountain and of saturating the lawn and garden. Prices, 4-arm sprinkler, \$3.50 8-arm 4 00

Scollay's Rubber (Fig. 75.) Indispensable for Floral work. Large, \$1.00; by mail, \$1.10; medium, 75c.; by mail, 82c.; small, 60c.; by mail 65

Stakes. Green painted, tapering; very useful for tying plants, shrubs, etc.; 25 of one kind at the 100 rate.

Per doz. 100		Per doz. 100	
Light 1 1/2 ft.	\$0 20	Light 3 1/2 ft.	\$0 60
" 2 "	25	" 4 "	75
" 2 1/2 "	35	" 5 "	80
" 3 "	50		5 75

Heavy Dahlia, 3 ft. 75 5 00

" 4 ft. 85 6 00

" 5 ft. 95 7 50

Per 100 1000

Cane Stakes, 6 to 8 ft. long \$1 00 \$7 00

" 9 to 12 ft. long, extra heavy 1 60

Galvanized Wire. No. 8

Per doz. 100		Per doz. 100	
1 1/2 ft.	\$0 10	3 1/2 ft.	\$0 30
2 ft.	15	4 ft.	35
2 1/2 ft.	20	5 ft.	40
3 ft.	25		1 70

Stand, Rolling (Fig. 76.) For heavy plants. Made of indurated fibre ware; Casters have ball bearings; 12-inch, 75c.; 14-inch, 85c.; 16-inch, 95c.; 18 inch, \$1.10; 20-inch, \$1.20; 22-inch 1 40

Syringes. (Fig. 77.)

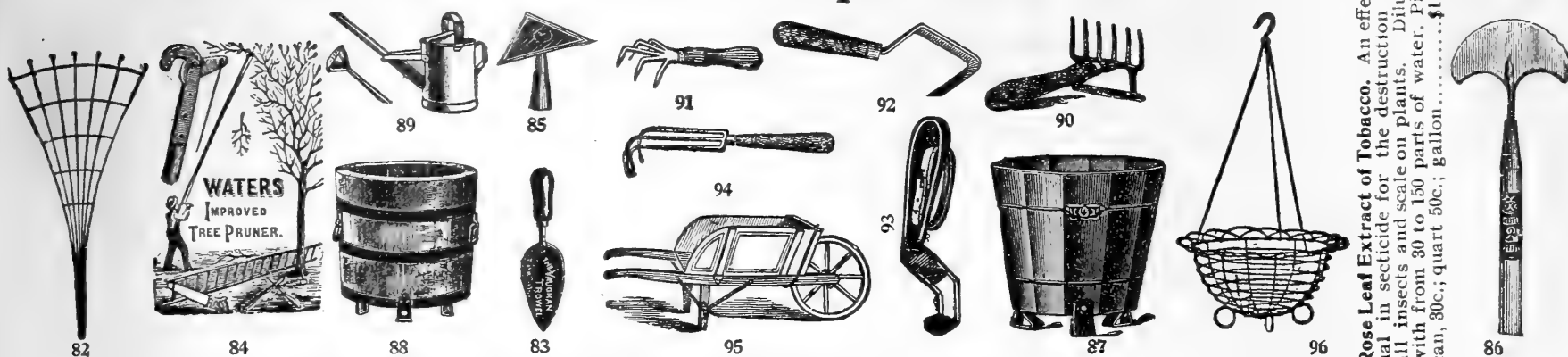
—**Brass.** 14-inch, 2 sprays and one straight stream, for small greenhouses or windows \$3 25

—**No. 5, Greenhouse syringe.** 18-inch barrel 5 75

—**English.** Brass, No. 11, 18-inch barrel, with two different sprays and one stream 4 00

—**Brass.** For liquid insecticides, each 1 65

Garden and Farm Requisites.—Continued.



Prices Given Below Do Not Include Prepaying of Charges Except Where Noted.

Rose Leaf Extract of Tobacco. An effective insecticide for the destruction of all insects and scale on plants. Dilute with from 30 to 150 parts of water. Pint can, 30c.; quart 50c.; gallon.....\$1.25

Thermometers. These cannot be sent by mail.
—Tin case (Fig. 79.) 8-inch, 15c.; 6 for..... 75
—Cabinet, wood case, 50c.; 3 for..... 1 35
—Imported German. All glass, very accurate, for propagating and hot beds..... 1 00
—Hot Bed (Fig. 80.) Brass point, wooden frame..... 1 75
—Self-Registering (Fig. 81.) With magnet to set it, 8-inch, each, \$2.50; registers highest and lowest temperature. Minimum for registering cold..... 1 50
Thistle Cutters (Fig. 78.) Narrow blade for removing thistles or weeds from lawns. With foot rest..... 50
Torch, Asbestos. Saturate with kerosene oil, light and hold under the caterpillars' nests and along the branches where the insects lodge. Price, 30c.; by mail..... 40
Trellis (Fig. 82) Fan shaped; 18-inch, 15c., 3 for 40c.; 24-inch, 25c., 3 for 50c., 30-inch, 25c., 3 for 60c.; 3½ feet, 21-inch wide, 40c.; 4 feet, 27-inch wide, 50c.; 5 feet, 32-inch wide, 60c.; 6 feet, 38-inch wide, 70c.; 7 feet, 42-inch wide, 80c.
Veranda. 18-inch wide, 5 feet, 55c.; 6 feet, 65c.; 7 feet, 75c.; 8 feet, \$1.00; 9 feet, \$1.10; 10 feet..... 1 25
Trowels, Vaughan's Steel (Fig. 83.) One solid piece of steel and will outwear all others each, 50c., 3 for \$1.40. Postpaid, each..... 60
Ordinary Garden 6-inch, each, 12c.; prepaid 20c.; 7-inch, each, 15c.; prepaid 23c.; 8-inch, each, 20c.; prepaid..... 28
English Steel 6-inch..... 25
By mail add 10c.
Cleve's Angular. By mail..... 25

Tree Pruners, Water's (Fig. 84.) Length of pole, 4 feet, 50c.; 6 feet, 75c.; 8 feet, 90c.; 10 feet, \$1.00; 12 feet..... 1 10
Extra knives, each..... 20
Lee's New Pole Tree Pruner. Without pole.... 1 00
Extra springs, 15c.
Tree Scraper (Fig. 85.) With handle. Each.. 75
Tubs, Flower, Columbian (Fig. 87.) Made of the best pine lumber. Has 12 staves in tapered shape, held together by two steel wires. Natural varnish finish on the wood, or if wanted can be finished in oil paint.
12 by 11 inches..... Each, \$1.00; 3 for \$2 75
15 by 14 "..... " 1 50; 3 for 4 00
18 by 16½ "..... " 2 00; 3 for 5 25
21 by 18½ "..... " 2 50; 3 for 6 75
24 by 20½ "..... " 3 00; 3 for 8 00
Union Cypress (Fig. 88.) These tubs are made of ¾-inch cypress, which insures their keeping for years without rotting.
No.
1—13½-in. diam., 11-in. high. Each, \$0 85; 4 for \$3 20
2—14 -in. diam., 13-in. high. Each, 1 00; 4 for 3 80
3—16 -in. diam., 15-in. high. Each, 1 30; 4 for 4 70
4—20 -in. diam., 18-in. high. Each, 1 80; 4 for 7 00
5—24 -in. diam., 20-in. high. Each, 2 40; 4 for 9 00
Turf Edger American (Fig. 86.) Each..... 50
English imported steel blade, only..... 75

WATERING POTS.

American (Fig. 89.) Heavy galvanized round can, two copper-faced roses, long spouts; 4 quart, \$1.75; 6 quart, \$2.00; 8 quart, \$2.25; 10 quart, \$2.50; 12 quart..... 2 75
French Style. Oval, otherwise same make as above, 8 quart, \$2.40; 10 quart, \$2.85; 12 quart..... 3 00
Low Style. 4 quart..... 1 75

Weeders Combined (Fig. 90. Each..... 25
Eureka (Fig. 94.) The best little hand weeder for loosening soil around plants that we know of. Short handled, 25c; long handled..... 35
Excelsior (Fig. 91.) Each..... 10
Hazeltine (Fig. 92.) Each..... 20
Langs (Fig. 93.) This we find to be by actual trial a first-class labor saver. Price, each, 20c; postpaid..... 25
B's Weed Extractor. A simple and effective device for removing weeds of all kinds from the lawn. Easy to operate.
Price, postpaid, 65c.; by express..... 50
Price, postpaid, with step, 75c.; by express.... 60
Eureka Weed Killer. A special preparation, which dissolves in water. Will destroy all weeds, moss, etc., on gravel walks, carriage drives, etc. and keeps them under for the whole season. Large size, tin enough for 100 yards, 75c.; prepaid..... 1 00
Wire Hanging Baskets. (Fig. 96.) 6-inch, 10c. each; 8-inch, 15c. each; 10-inch, 20c. each; 12-inch, 25c. each; 14-inch, 30c. each
Wheelbarrows. The Globe Garden. (Fig. 95.) Inside measurement of box, 30 inches long, 19 inches wide at wheel end, 24 inches at handle end, 12 inches deep. Has a 20-inch wheel. Price with steel wheel..... 3 60
The Vaughan Greenhouse. We have had numerous calls for a wheelbarrow which could be used in a greenhouse, the ordinary barrow being too wide for that purpose, and we had built for us a special barrow which will fill this want perfectly. Price each 5 00

Vaughan's Lawn Tools and Requisites.

Every implement and device for the use of the private gardener, whether for lawn, green house or garden is supplied by Vaughan's stores at New York and Chicago.



WATER BARREL TRUCK.

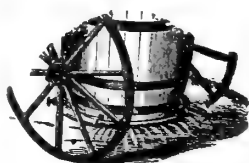
Is one of those articles that cause the user to wonder how he ever did without it, as it really becomes indispensable when once used.

The barrel is raised from the ground, carried to the place desired and *instantly detached*, all *without handling*. The weight being balanced over the axle, no lifting or down pressure is needed in transportation. Other barrels for various purposes can be used as needed, extra trunnions being furnished if desired, which can be readily attached to any oil or spirit barrel, thus increasing indefinitely the value of the truck.

The width of this truck from outside to outside of hubs is 39½ inches.

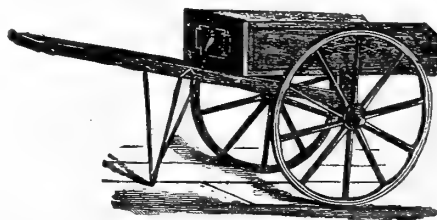
Price: Water Barrel and Truck with 2½-inch wheels.....\$10.00

Without barrel but including 1 pair trunnions, deduct \$2.25.



THE SPRINKLER ATTACHMENT.

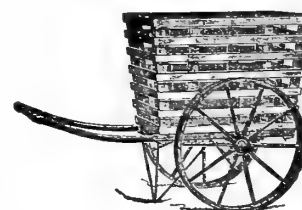
The Barrel Truck as a Sprinkler is invaluable for watering lawns and sprinkling walks, about houses, railroad stations, cemeteries, etc. It consists of a perforated wrought-iron pipe, bent on a circle, thus throwing the water outside the wheels. The water is turned on and off by a hand wheel and ball valve. Price.....\$3.25



HAND CART BOX.

We can also supply a Box which can be used in connection with Truck, making a very superior *Dumping* hand-cart. Length, 37 inches; width, 23½ inches; depth, 8 inches. Price, including trunnions and spring catch, but without truck....\$3.00

LEAF RACK.



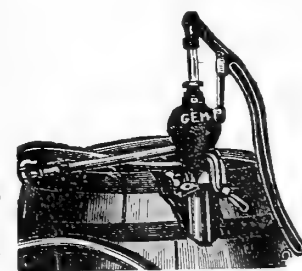
This is a very light Leaf Rack for use with Truck, which will be found extremely convenient for the cartage of leaves, cut grass from the lawn, etc.

Knocks down *flat*, taking very little room for storage. This Leaf Rack has an average

width of 28 inches by average length of 42 inches and is 21 inches deep.

Price, rack only, without truck.....\$5.00

GEM SPRAY PUMP.



This pump is designed for use with Barrel Cart and is a first-class pump in every respect. All working parts are made of brass and pump has 4 inch stroke with 1½ inch cylinder.

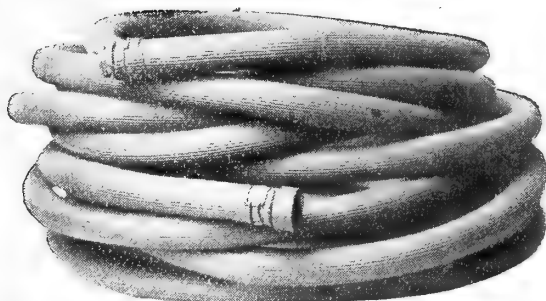
The Gem Pump when used with the Barrel Cart can be set on any

part of the chine for either right or left-handed person.

Price Pump with 4 feet of discharge hose and Bordeaux Nozzle.....\$6.00

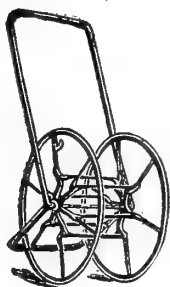
Lawn Tools and Requisites—Continued

RUBBER HOSE.



Electric Non-Kinkable.

Cheap hose is dear at any price, and it pays to buy only the best. We claim that the "Electric" is the best hose on the market. Made of pure rubber by a special process, does not crack or scale, and will not "kink." We can supply in any length and will fit with Acme Hose Couplers, if advised at time of ordering. Per 25 feet, \$5.00; 50 feet, \$9.50; 100 feet, \$18.00.



ALL IRON HOSE REEL.

Very light weight, frictionless, and the wheels being so high they are very easily worked; never break or wear out.

No. 10, for 100 ft. $\frac{1}{2}$ -in. hose, \$2.75
No. 20, for 150 ft. $\frac{1}{2}$ -in. hose, 3.00
No. 30, for 500 ft. $\frac{1}{2}$ -in. hose, 5.00

ACME HOSE COUPLERS.

Simplest and best Hose Couplers on market.



No. 1. With No. 3, goes on end that attaches to faucet or ground pipe. Used with No. 2 for connecting hose.



No. 2.

No. 2. Used on nozzle end of hose and can be connected with any nozzle by using the No. 4 as an intermediate. Use with No. 1 for connecting hose.



No. 3.

No. 3. Screws on faucet or ground pipe, on which it may be left permanently, and to it the hose is attached by the lever connections, No. 1 or 4.



No. 4.

No. 4. Screws into old style couplings on hose and attaches to No. 2 or 3. Use as an intermediate for connecting nozzle to No. 2 or 3.

PRICE.

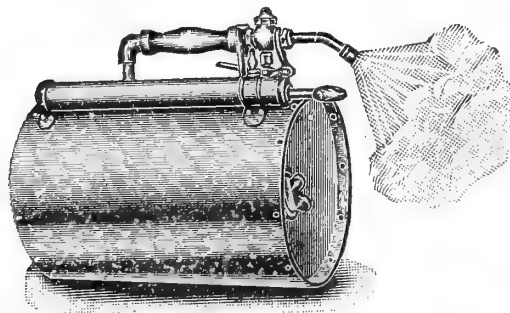
Nos. 1 and 415c. each; \$1.25 per doz.
Nos. 2 and 312c. each; \$1.00 per doz.

HOSE MENDER, "THE COOPER."



The best "mender" on the market, made of copper, with sharp barbs on each end, which prevents hose from slipping out; millions in use; $\frac{1}{2}$ or $\frac{3}{4}$ inch, each, 8c.; per doz., 75c.

THE FOUNTAIN SPRAYER.

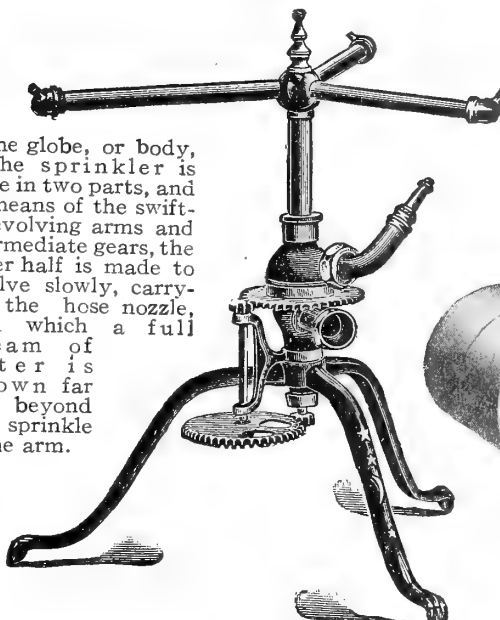


One of the best compressed air sprayers on the market. The tank has a capacity of 3 gallons and is tested to an air pressure of 50 lbs. to the square inch, which obviates any danger of bursting. The head is made in a funnel shape with the filling plug at the center or lowest point; this necessitates practically no care at all in filling and disposes effectually of the question of spilling the compound.

The machine is carried in one hand like a satchel, and the spray can be started or stopped by a thumb lever operated by the same hand that carries the sprayer. Price, Galvanized Tank, \$5.00; Brass Tank, \$6.00.

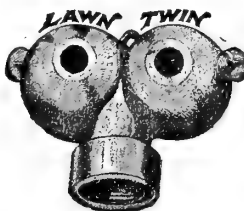
"TWIN COMET" LAWN SPRINKLER. THE "BOSS" HAND LAWN ROLLER.

The globe, or body, of the sprinkler is made in two parts, and by means of the swiftly revolving arms and intermediate gears, the upper half is made to revolve slowly, carrying the hose nozzle, from which a full stream of water is thrown far out beyond the sprinkle of the arm.



With an ordinary pressure of water it will thoroughly sprinkle an area 80 feet in diameter. The nozzle and the tips on end of arms are adjustable and can be set so as to sprinkle any desired space, or the nozzle can be set perpendicular to send the water upwards in a straight stream like a fountain. Will sprinkle four times greater area than any other sprinkler made. Price, \$5.00.

THE LAWN TWIN SPRINKLER.



A unique combination of simplicity, neatness and effectiveness. Having two orifices relatively combined, with their respective outputs intersectionally blending, it distributes with the utmost freedom and completeness. No single sprayer can be compared with it. The fineness and symmetry of its spray makes it especially desirable for new lawns and flower gardens. Its location may be changed while under full working head, with perfect ease, by the aid of a wire or cord attached to the eye between the bulbs, or with the hose itself in the opposite direction. Each, 50c.

ness and symmetry of its spray makes it especially desirable for new lawns and flower gardens. Its location may be changed while under full working head, with perfect ease, by the aid of a wire or cord attached to the eye between the bulbs, or with the hose itself in the opposite direction. Each, 50c.



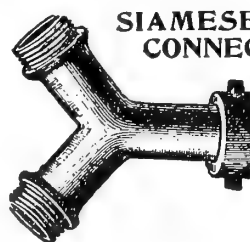
BUTTERFLY or MERRILL'S ROTARY.

Cheapest and best Sprinkler made. Each, 30c.

Sprinkler with stand, 2 foot, 65c.; 4 foot, 85c.; 6 foot, \$1.00.

FOUR AND EIGHT ARM SPRINKLERS.

Serves the double purpose of a beautiful fountain and of saturating the lawn and garden. Prices, 4-arm Sprinkler, \$3.50; 8-arm, \$4.00.



SIAMESE HOSE CONNECTION.

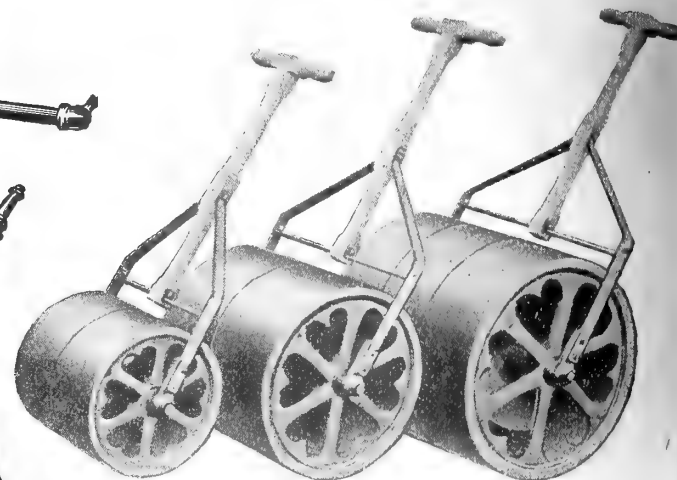
With these a lawn sprinkler can be attached to every length of hose, so several sprinklers can be operating at one time. Price, for $\frac{3}{4}$ in. hose, 60c.; 1 in. hose 75c.; postage extra, 10c. each.



EUREKA WEED KILLER.

A special preparation which dissolves in water. Will destroy all weeds, moss, etc., on gravel walks, carriage drives, etc., and keeps them under for the whole season.

We have sold large quantities of this preparation, and all who have used it declare it to be the best for the purpose of anything they have tried. Large size tin, enough for 100 square yds. of path, 75c.



The benefit derived from the use of a roller on the lawn, especially in the spring, is not fully understood. The action of freezing and thawing causes the ground to heave, and if the sod is not firmly pressed back with a Roller before the hot weather begins, the grass is apt to be killed or injured, leaving the lawn full of bare spots.

The Rollers we offer are made of first-class material, outer edges being beveled to prevent cutting sod and face of roller is turned perfectly smooth.

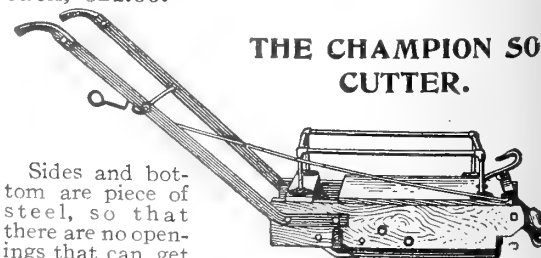
Diameter	Face	Seeti's	Weight	Price
No. 1. 15 in.	15 in.	2	150 lbs.	\$ 8.50
No. 2. 15 in.	22 in.	3	200 lbs.	11.25
No. 3. 20 in.	16 in.	2	225 lbs.	12.50
No. 4. 20 in.	20 in.	2	250 lbs.	13.00
No. 5. 20 in.	20 in.	1	250 lbs.	13.50
No. 6. 20 in.	24 in.	2	300 lbs.	16.50
No. 7. 24 in.	20 in.	2	400 lbs.	22.00
No. 8. 24 in.	24 in.	2	450 lbs.	25.00
No. 9. 28 in.	24 in.	2	500 lbs.	27.50
No. 10. 28 in.	30 in.	3	600 lbs.	33.00
No. 11. 28 in.	32 in.	4	650 lbs.	36.00

We can furnish these Rollers to weigh 50 to 300 lbs. more than the weights given, for which add 5c. per lb.

THE GEM LAWN SWEEPER.



This machine will clean the lawn more thoroughly and quicker than three or four men can do it with hand rakes, and greatly benefit the turf. It leaves the grass standing up straight and straightens up crab grass and other running weeds so they will be cut closer by the lawn mower and sooner destroyed. Made of metal, wood and canvas, and put together in the most durable and thorough manner; this combination makes it lighter and less noisy than all metal. The rakes are flexible (a rigid rake will not pass over obstructions, and will tear the sod if it is uneven); this does not mean that the teeth will bend (and stay bent) if an obstruction is met, but the rake-heads are divided in the middle and each part is hung on easy-swinging hinges, and are kept in position by retaining springs. We sold a number of these machines last season, and all who have used them advise they are the best Lawn Sweepers they have ever tried. Price, each, \$14.00.



THE CHAMPION SOD CUTTER.

Sides and bottom are piece of steel, so that there are no openings that can get choked. A whole field can be cut with this machine without removing the sod, provided a narrow strip of about one inch in width is taken out at the start. Price, \$23.00.

LAWN MOWERS AND REQUISITES.



COLDWELL'S LAWN MOWER AT VASSAR COLLEGE

COLDWELL'S HORSE LAWN MOWER.

COLDWELL'S Improved Horse Mowers are fitted up throughout with the best steel shafting, composition bushings or bearings, polished oak footboards, Loring Coes' knives, etc. The workmanship is acknowledged by the trade in general to be the best of any lawn mower made in America.

These mowers have been adopted for use for many consecutive years by the United States Government and New York City Park Board, after severe competitive trials and tests of durability. They are guaranteed to give entire satisfaction to the purchaser.

Price	F. O. B. Chicago,	35-inch	40-inch
4 Blades,	F. O. B. New York,	\$80.00	\$95.00
		78.00	92.00

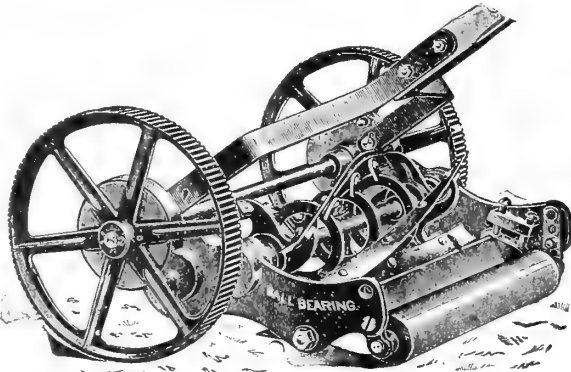
Complete with Seat and Shafts.

VICTORY BALL BEARING.

The Lightest and Easiest Running Mower on the Market. Ten-inch wheel, four-bladed reels. Ball-bearings.

These mowers are well speeded, and bite small and frequent, leaving a beautiful velvety lawn. The ball bearings are of the highest grade, exact to $\frac{1}{4}$ of 1-1000 of an inch, which reduce the friction astonishingly and renders it possible to use much wider machine than heretofore, with parallel bearings.

14 in.	16 in.	18 in.
\$8.50	\$9.50	\$10.50
20 in.	22 in.	24 in.
\$11.50	\$12.50	\$13.50



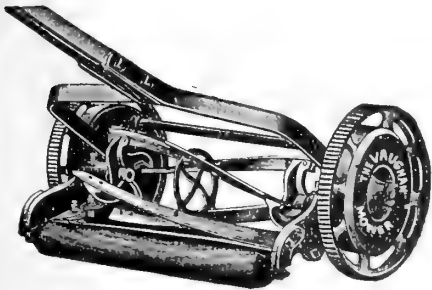
VICTORY BALL-BEARING MOWER.

THE VAUGHAN MOWER.

With 10-inch Wheel; 4-Blade Cylinder; Securely Incased Gears; Noiseless Ratchet.

This is the best Lawn Mower of its kind ever made. The adjustments are few and simple; the ratchets are perfect and positive; the gears are enclosed and made the right pitch.

14 inches	16 inches	18 inches
\$4.50	\$5.25	\$6.00



SPECIAL OFFER.--We will prepay the freight to any railroad station within 250 miles of Chicago or New York on the Vaughan Mower at above prices.

THE "LINKS LAWN" BOOT.

For use on Golf Links, Tennis Courts and Fine Lawns.

Aside from its lasting qualities it is the only humane boot on the market, for the reason that it is firmly fastened to the hoof instead of around the ankle, thus giving free action to the horse's feet and obviating all possibility of chafing.

The cut shows the rolling toe which prevents the cutting of the turf and also indicates how simple and positive the fastening is. Made in three sizes.

No.	2	4	6
Width of inside measurements	5 $\frac{1}{2}$	6 $\frac{1}{2}$	7

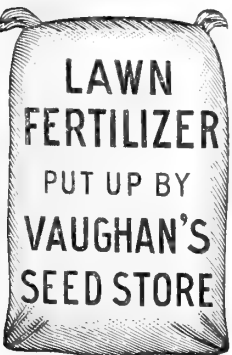
Per set of four, \$8.00.



VAUGHAN'S LAWN FERTILIZER.

Lawn grass is a voracious feeder and will not thrive and hold its beautiful dark green color and velvety appearance unless it receives a sufficient supply of suitable food. Because so few appreciate this fact is the reason there are so many poor, rusty-looking lawns. Stable manure is unpleasant to handle, ill-looking and decidedly odorous, and is also full of waste material. It contains weed seeds which are obnoxious, and it often takes years to eradicate the weeds, causing an unnecessary amount of labor. All these objections are obviated by the use of our Lawn Fertilizer, and if Vaughan's Lawn Seed is used there is no excuse for a bad lawn. If the lawn is in fair condition it is only necessary to rake off the dead leaves and grass in the early spring and scatter broadcast over its surface some of our Lawn Fertilizer with a little of our Chicago Park Lawn Seed over the thin spots, and the work is done.

DIRECTIONS FOR USE.--The first application should be made early in the Spring, as soon as the frost is out of the ground, at the rate of 25 pounds of fertilizer to every 1000 square feet of lawn, evenly distributed. For seeding down a new lawn scatter double the amount, say 50 pounds of fertilizer, broadcast on every 1000 square feet, and rake it in thoroughly before sowing the seed.



COLDWELL ROLLER MOWER.

This is a machine which is specially suited for use on putting greens where fine cutting is necessary. It has six blades and can be set to cut, so as to almost shave the lawn, if desired, and leave no wavy appearance.

14-inch cut.	\$13 00
16-inch cut.	14 00
18-inch cut.	16 00
20-inch cut.	18 00



PHILADELPHIA LAWN MOWER.

High Wheel (Steel). Style A.

This is the King of High Wheels. It has 10-inch driving wheels, 6 $\frac{1}{2}$ -inch cylinder cutter, with four knives; constructed of steel throughout.

Width.	Weight.	Price.	Width.	Weight.	Price.
15-inch.	40 lbs.	\$9 25	19-inch.	44 lbs.	\$11 40
17-inch.	42 lbs.	10 35	21-inch.	46 lbs.	12 25

Style K.--10-inch high wheel, five-knife open wiper with corrugated blades. A strictly first-class mower. Fine cut, and with its large driving wheels it is the lightest running, best single pinion mower made.

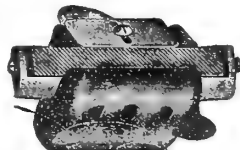
Width.	Weight.	Our Price.	Width.	Weight.	Our Price.
14-inch.	40 lbs.	\$5 80	18-inch.	44 lbs.	\$7 00
16-inch.	42 lbs.	6 50	20-inch.	46 lbs.	7 50

For other styles of Philadelphia hand mowers and horse mowers, write for special list.

PHILADELPHIA GRASS COLLECTOR.

Has a galvanized iron bottom collector, never-rip cloth connections. Always be careful to state size and style of mower when ordering. Price for Low Wheel Mower, 10-inch, \$1.40; 12-inch, \$1.50; 14-inch, \$1.60; 16-inch, \$1.70; 18-inch, \$1.80; 20-inch, \$1.90.

For High Wheel and Style K and the Vaughan Mower, 14 and 15-inch, \$1.70; 16 and 17-inch, \$1.80; 18 and 19-inch, \$1.90; 20 and 21-inch, \$2.00.



The Acme Lawn Mower Sharpener.

A good practical article for sharpening Lawn Mowers. Full instructions with each machine. Price, each, 50c.

Lawn Mower Oil, best quality, per tin, 25c.

VAUGHAN'S LAWN FERTILIZER.

Price: F. O. B. Chicago, 5 lbs., 30c.; 10 lbs., 50c.; 25 lbs., \$1.00; 50 lbs., \$1.60; 100 lbs., \$2.75; 200 lbs., \$5.00; 500 lbs., \$11.00; 1000 lbs., \$20.00; 2000 lbs., \$38.00. F. O. B. New York, 5 lbs., 30c.; 10 lbs., 50c.; 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$3.25; 200 lbs., \$6.00; 500 lbs., \$13.00; 1000 lbs., \$23.50; 2000 lbs., \$45.00.

HARD WOOD ASHES.

This is also a splendid fertilizer for the lawn and garden, containing all of the fertilizing elements except nitrogen. If used on the lawn at the rate of a ton or more per acre as a first application, an annual dressing of three hundred pounds afterwards will insure a thrifty growth of dark color, exemption from ill effects of dry weather and freedom from weeds. It is also very beneficial to vegetable and field crops, and especially recommended to Cabbage and Onion Growers. Price, 1000 lbs., \$10.00; 500 lbs., \$5.25; 100 lbs., \$1.25; 50 lbs., 75c.; 25 lbs., 45c.

GYPSUM OR LAND PLASTER.

This is still used as a fertilizer for grass and we can supply it at \$12.00 per ton; \$6.50 per 1000 lbs.; \$3.50 per 500 lbs.; 90c. per 100 lbs.

TOBACCO DUST.

This contains some of the elements that induce the growth of grass, and is a real good fertilizer for that purpose. 100 lbs., \$2.00; 50 lbs., \$1.15; 25 lbs., 65c.; 10 lbs., 30c.

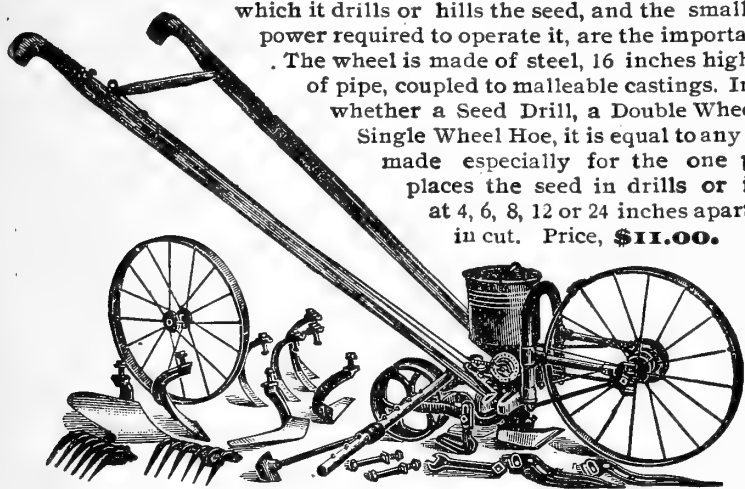
"Iron Age" FARM and GARDEN TOOLS for 1904.

A COMPLETE DESCRIPTIVE "IRON AGE" CATALOGUE SENT FREE ON APPLICATION.

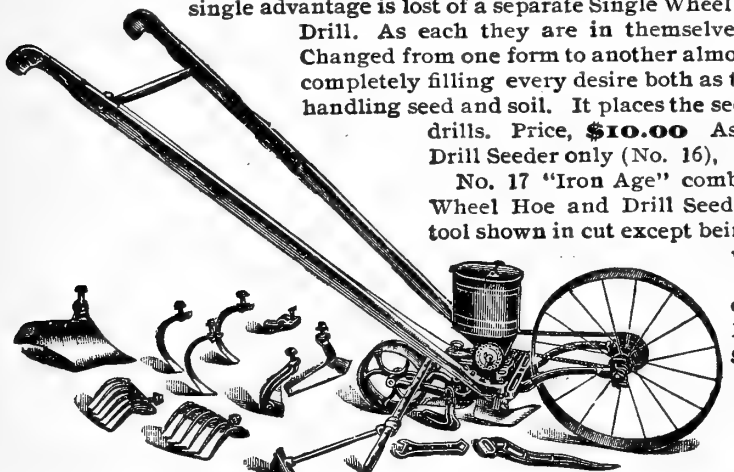
The "Iron Age" Garden Tools are made "on honor" from the best of material and with the best workmanship. We have sold garden tools for a quarter of a century and we know of no better line than the "Iron Age." They cover all the requirements of cultivation and sowing. They do all that garden tools can do to the ground, on the ground and in the ground. Once used always kept.

PREPAID.—Orders for these Tools or for Seeds and tools (Seeds not prepaid unless so offered on other pages) amounting to \$7.50 will be prepaid to any railroad station in the United States within five hundred miles of Chicago or New York.

The No. 6 "Iron Age" Combined double Wheel Hoe, Hill and Drill Seeder. This tool is without question the most practical and complete combined garden tool ever offered the public—the ease and simplicity of adjustment, the lightness combined with great strength, the accuracy by which it drills or hills the seed, and the small amount of power required to operate it, are the important features. The wheel is made of steel, 16 inches high, the frame of pipe, coupled to malleable castings. In each form, whether a Seed Drill, a Double Wheel Hoe, or a Single Wheel Hoe, it is equal to any tool or tools made especially for the one purpose. It places the seed in drills or in hills as at 4, 6, 8, 12 or 24 inches apart. Complete in cut. Price, **\$11.00.**



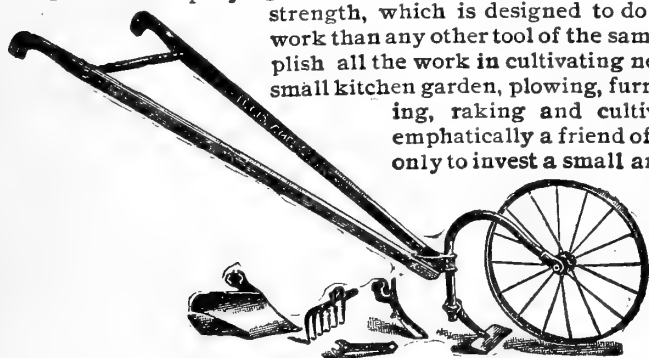
No. 15 "Iron Age" Combined Single Wheel Hoe, Hill and Drill Seeder. Combined in this tool is the best Hill and Drill Seeder and Single Wheel Hoe ever offered the public. In combining these tools not a single advantage is lost of a separate Single Wheel Hoe or Seed Drill. As each they are in themselves complete, Changed from one form to another almost instantly, completely filling every desire both as to method of handling seed and soil. It places the seed in hills or drills. Price, **\$10.00** As a Hill and Drill Seeder only (No. 16), **\$7.50.**



No. 17 "Iron Age" combined Single Wheel Hoe and Drill Seeder. Same as tool shown in cut except being furnished without hill dropping device. Price, **\$9.00.**

No. 12 "Iron Age" Wheel Plow and Cultivator.

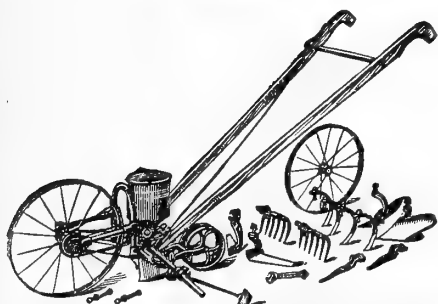
In the accompanying cut we show a tool of exceeding lightness but of great strength, which is designed to do a greater variety of work than any other tool of the same price, it will accomplish all the work in cultivating needed to be done in a small kitchen garden, plowing, furrowing, covering, hoeing, raking and cultivating. This tool is emphatically a friend of those who can afford only to invest a small amount of money in a garden tool, and whose moments in a garden must be devoted to "straight ahead" work.



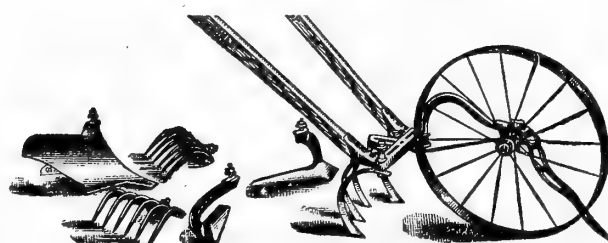
\$3.25.
Iron Age No. 12, this tool, with plow only, Price, **\$2.25.**

THE "IRON AGE" SINGLE WHEEL HOE, CULTIVATOR AND RAKE, No. 9.

Price, **\$4.75.**

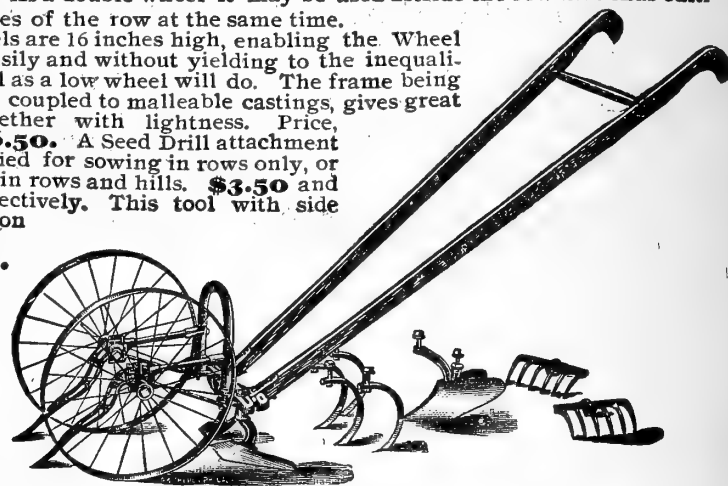


The No. 4 "Iron Age" Combination Double Wheel Hoe and Drill Seeder. This tool is similar to the No. 6 "Iron Age" combined tool. Instead of placing seed in both hills and drills, it places it only in rows. Price, **\$10.00.**



No. 1 "Iron Age" Double & Single Wheel Hoe. Wheel Hoe form of the No. 6 opposite. One great advantage which this double Wheel Hoe possesses is, that it can be made into a practical Single Wheel Hoe in a moment's time. As a double wheel it may be used astride the row and thus cultivate both sides of the row at the same time.

The wheels are 16 inches high, enabling the Wheel Hoe to run easily and without yielding to the inequalities of the soil as a low wheel will do. The frame being made of pipe coupled to malleable castings, gives great strength together with lightness. Price, complete, **\$6.50.** A Seed Drill attachment may be applied for sowing in rows only, or sowing both in rows and hills. **\$3.50** and **\$4.50** respectively. This tool with side hoes only (Iron Age No. 3). Price, **\$3.75.**

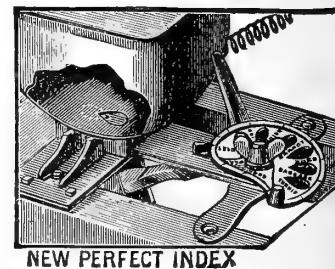
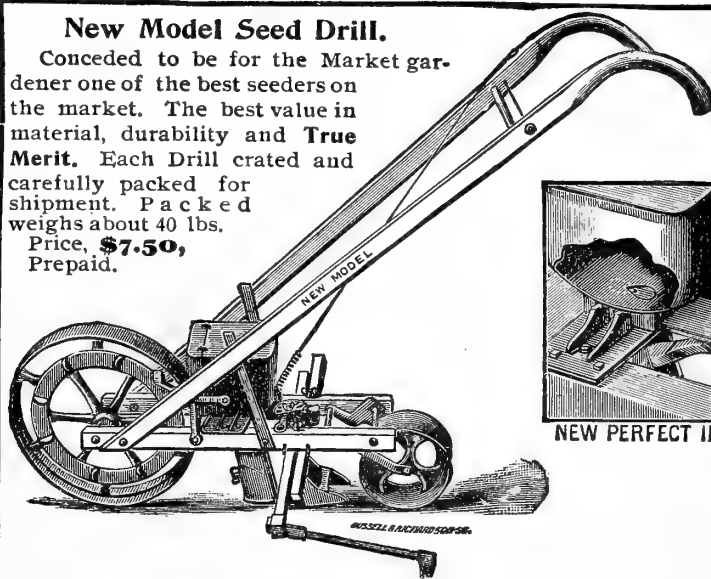


No. 20 "Iron Age" Single Wheel Hoe. The frame of this tool as all the Iron Age, combined tools, is made of pipe coupled to malleable castings, thus rendering them light and strong. A pair of side hoes, a set of cultivator teeth a pair of rakes and a land side plow are furnished with this tool. Price complete, **\$5.50**, as with the No. 1 a seeder attachment may be added at any time. No. 21 plain, (Hoes only). Price, **\$3.50.**



New Model Seed Drill.

Conceded to be for the Market gardener one of the best seeders on the market. The best value in material, durability and True Merit. Each Drill crated and carefully packed for shipment. Packed weighs about 40 lbs. Price, **\$7.50**, Prepaid.



No. 8 "Iron Age" Hill and Drill Seeder.

The hopper is low, and delivers the seeds close to the ground and very carefully. It holds four quarts. The feeding is distributed by the revolving brush, and is accurate and even without injuring the seed. The distance between hills is very easily changed and regulated. It will drop 4, 6, 8, 12 and 24 inches apart. It will not clog under any circumstances. By hooking out the small lever the same is changed from a hill dropper to a sowing drill. Price, **\$10.00.**



"Iron Age" Farm and Garden Tools for 1904—Continued.

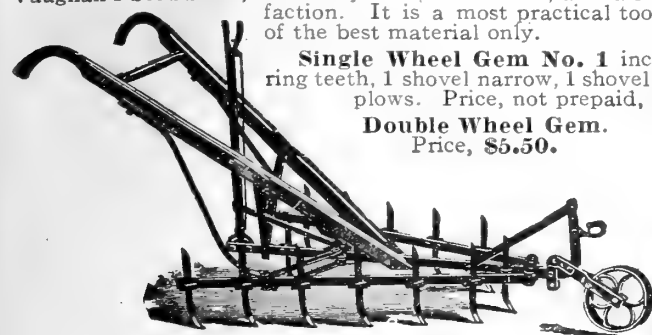
Vaughan's Combined Cultivator and Harrow "Iron Age" No. 1. Complete with wheel and lever expander, price, \$5.70; without wheel, \$5.10. Its teeth are diamond shape with a small cultivator tooth forged on one end. For very close work every other tooth can be quickly removed. This tool is designed especially for the cultivation of berries and small crops, as it thoroughly pulverizes the soil but at the same time throws very little earth.

The Gem Cultivator.

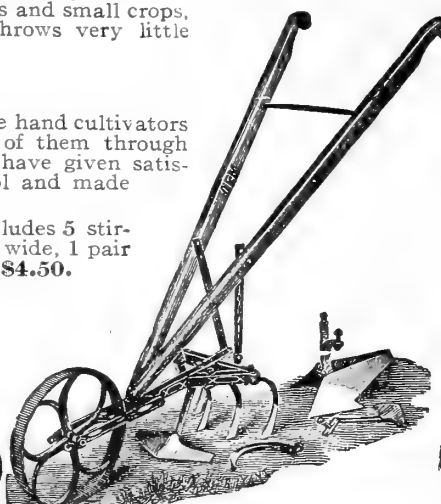
Is without doubt one of the most popular and best of all the hand cultivators made. Over twenty thousand have been sold, over half of them through Vaughan's Seed Store, since they were introduced, and all have given satisfaction. It is a most practical tool and made of the best material only.

Single Wheel Gem No. 1 includes 5 stirring teeth, 1 shovel narrow, 1 shovel wide, 1 pair plows. Price, not prepaid, \$4.50.

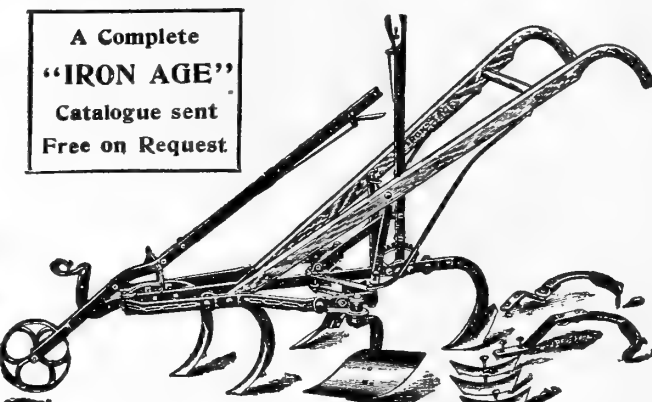
Double Wheel Gem. Price, \$5.50.



Cultivator No. 1.



The Gem Cultivator.



A Complete
"IRON AGE"
Catalogue sent
Free on Request.

No. 6 Horse Hoe.

SPECIAL DELIVERY OF GARDEN TOOLS.

By reason of our central location at Chicago and New York City, and by special arrangement with Seedsmen known to us in other large cities, we are prepared to make QUICK SPECIAL DELIVERY of both Iron Age, Planet Jr. and other gardening tools generally within 2 days from receipt of order, often in one day. Remember and send us your order for these tools and get promptest shipment.

No. 22 "Iron Age" Combined Fertilizer, Distributor and Drill Seeder. Price, \$17.00.

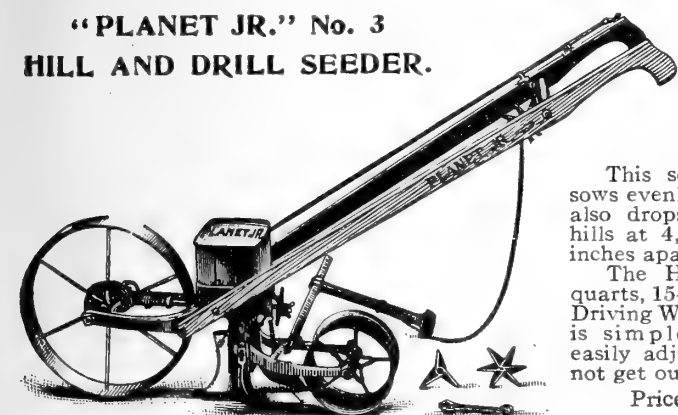
"Iron Age" No. 6 Horse Hoe and Cultivator. We can recommend to all of our customers as being one of the best tools made. Price, as in cut, \$8.50; without Furrow Closing Attachments, \$7.25; with Plain Wheel and without Furrow Closing Attachment, \$6.75.

"Planet Jr." Farm and Garden Tools

PREPAID
TO CASH BUYERS.

PREPAID.—Orders for these Tools or for Seeds and Tools (Seeds not prepaid unless so offered on other pages) amounting to \$7.50, will be prepaid to any Railroad Station in the United States within five hundred miles of Chicago or New York.

"PLANET JR." No. 3 HILL AND DRILL SEEDER.



Ask for a
Complete List.

This seeder not only sows evenly in drills but also drops accurately in hills at 4, 6, 8, 12 or 24 inches apart.

The Hopper holds 3 quarts, 15-in. patent Steel Driving Wheel. This drill is simple, strong and easily adjusted and does not get out of order.

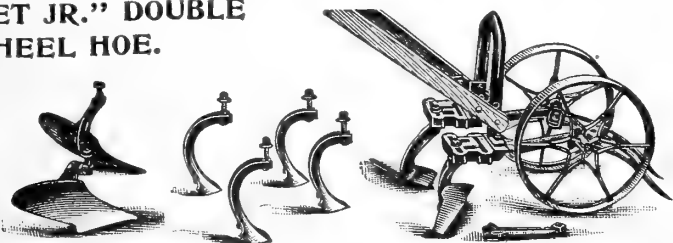
Price, \$10.00.

No. 4 "Planet Jr." Combined Hill and Drill Seeder, Single Wheel Hoe, Cultivator and Plow. With this one implement the small farmer can do practically all his work.

Price, complete, \$10.00; as a drill only, \$8.00.

"Planet Jr." No. 5 Hill and Drill Seeder. This is the same tool as No. 3 Seeder, except that it is larger in size. Hopper holds 5 quarts; 16½-inch steel driving wheel. Price, \$12.50.

"PLANET JR." DOUBLE WHEEL HOE.

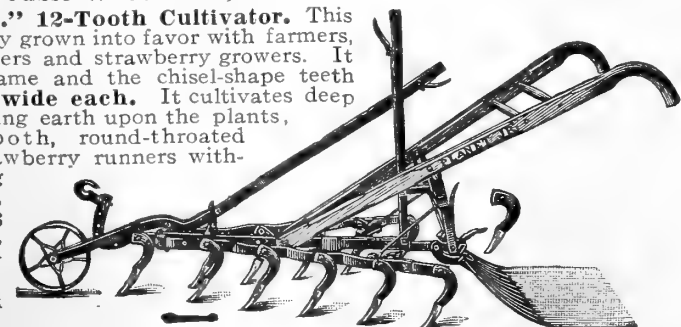


No. 12 "Planet Jr." Double Wheel Hoe. Packed, weight 32 lbs. One pair 6-inch Hoes; two pairs of hollow steel Cultivator Teeth; one pair of Plows, and one pair of Leaf Lifters. Price, \$6.50.

No. 11 "Planet Jr." Double Wheel Hoe. One pair 6-inch Hoes; two pairs Hollow Steel Cultivator Teeth; one pair Plows; two 3-tooth Rakes; two 5-tooth Rakes and two Leaf Lifters. Price, \$8.50.

No. 13 Double Wheel Hoe, with 6-inch Hoes only. Price, \$4.50.

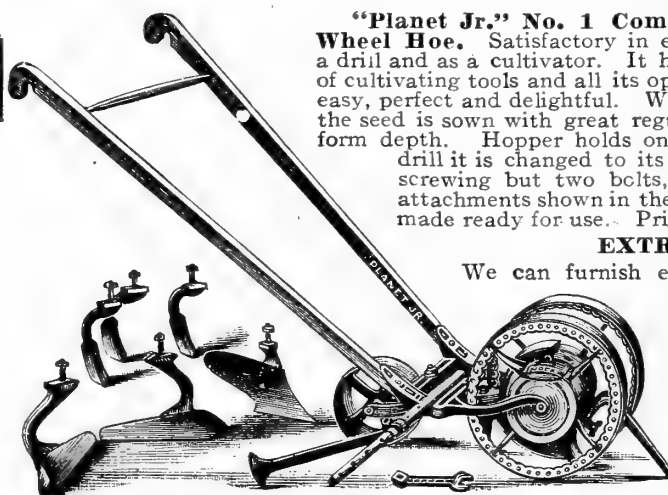
"Planet Jr." 12-Tooth Cultivator. This tool has rapidly grown into favor with farmers, market gardeners and strawberry growers. It has a high frame and the chisel-shape teeth cut an inch wide each. It cultivates deep without throwing earth upon the plants, and the smooth, round-throated teeth turn strawberry runners without injuring them. Prices, plain, \$5.30; with wheel, \$6.40; complete, \$8.00. Up-to-date and well made.



"Planet Jr." No. 1 Combined Drill and Wheel Hoe. Satisfactory in every way, both as a drill and as a cultivator. It has a complete set of cultivating tools and all its operations are rapid, easy, perfect and delightful. When used as a drill the seed is sown with great regularity and at uniform depth. Hopper holds one quart. From a drill it is changed to its other uses by unscrewing but two bolts, when any of the attachments shown in the cut can be quickly made ready for use. Price, \$9.00.

EXTRAS.

We can furnish extra parts of all "Planet Jr." Tools. In ordering "extras" the figure and number should be given besides name of part. Send for repair list.



No. 17 "Planet Jr." Single Wheel Hoe. This is the same style as our other Single Wheel Hoes, and the Plow, Cultivator Teeth or Rakes may any of them be added to the equipment, although it is best to select and secure what you need with the original purchase. With Plow, two Hoes and three Teeth, \$4.50.

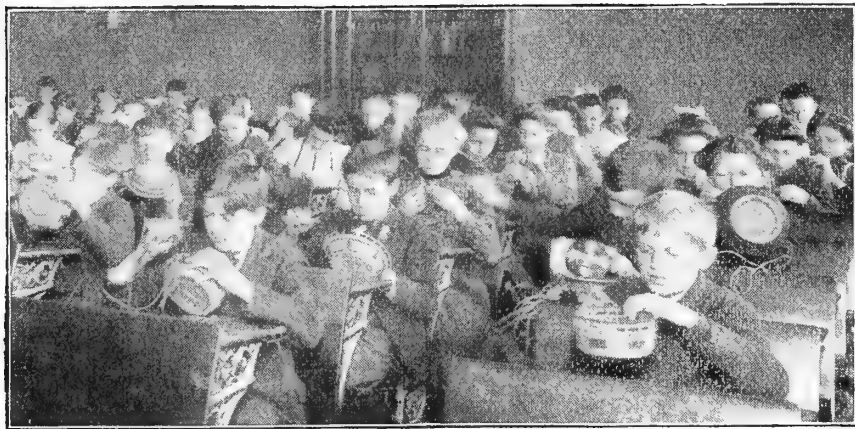
No. 16 "Planet Jr." With Plow, two Hoes, three Cultivator Teeth, two Rakes and Leaf Lifter. Price, \$5.35.

No. 18 "Planet Jr." Single Wheel Hoe. With 6-inch Hoes. Price, \$3.00.

"Planet Jr." No. 8 Horse Hoe. The "Planet Jr." Combined Horse Hoe and Cultivator is so strongly built as to withstand incredible strain, yet it is light and easy to handle. The frame is longer than usual and about 1½ inches higher, making a tool that will not clog easily. The standards are formed up hollow, with round throats of stiff steel; they polish quickly and free themselves readily from obstructions. The depth is under perfect control by means of a new lever wheel and the new patented depth regulator. The expander, an entirely new pattern, superior to all other forms; exceedingly strong, simple, accurate and positive in all positions. Price, \$8.00.



MATERIALS FOR CONSTRUCTION WORK



SCHOLARS WEAVING BASKETS WITH VAUGHAN'S RAFFIA.

RAFFIA.

Raffia is the name given to a long-leaved palm found on the Island of Madagascar. The outer skin of the leaves is stripped off by the natives and tied in long hanks or braids, after which it is packed in bales ready for shipment. As a weaving material it is ideal, combining, as it does, softness and flexibility with great strength. The strands average three feet in length, and this gives it a decided advantage over splints and grasses.

The Raffia which we import is the finest grade to be obtained on the island, and should not be compared with the cheaper coarse material offered by many and used principally as tying material in gardens and nurseries.

Besides the natural shade, we have it in fourteen different colors, a sample card of which will be mailed upon request.

Many fancy and useful articles can be made of Raffia. Baskets of all shapes and patterns, plaques, napkin rings, chatelaines, photo frames, whisk broom holders and a hundred other things that ingenuity can devise are possible when this material is used.

Fans can be made in a variety of forms and colors; use reed for framework.

Parasols are made by taking an ordinary frame and weaving crosswise between the ribs, then lengthwise, first braiding a narrow strip for selvedge.

Hammocks made of Raffia are very strong and can be beautifully made by combining colors. Take double strands and twist together, forming a thin rope, and weave same as fish-net.

Baskets are made with reeds as a foundation, interwoven with Raffia, using the colored for designs.

Raffia screens are made by taking an empty frame and weaving between with the colors desired.

Table covers with fluffy edges make a pretty addition to any room.

Natural—per bunch (about 3 ounces).	Price.....	\$0.10
Natural—Per pound.	Price.....	.25
Natural—Five pounds for		1.00
Colored—Per bunch (about 2 ounces).	Price.....	.10
Colored—Per pound.	Price.....	.75
Mixed Colors—Per bunch.		.10
Needles for Raffia Work, per paper.		.10

By mail, 1 cent per ounce, extra.

REEDS (Rattan).

Since the recent awakening to the importance of basketry, Rattan has been brought into marked prominence. Like Raffia, it is also a palm, growing to an astonishing height, and found mainly in China and the Philippine Islands. Nos. 1 to 8 are the common sizes, 6 and 8 being used for the coarser work.

	Ounce	¼ lb.	1 lb.		Ounce	¼ lb.	1 lb.
No. 1	\$0.10	\$0.35	\$1.25	No. 5	\$0.05	\$0.18	\$0.60
No. 2	.08	.30	1.00	No. 6	.04	.15	.50
No. 3	.07	.22	.75	No. 8	.04	.13	.45
No. 4	.07	.22	.75				

By mail, 16c. per lb., extra.

INDIAN BEAD WORK.

The wonderful popularity attending this branch is not surprising. Watch fobs, necklaces, belts and sashes are a few of the things which may be made with a small amount of practice. With a little ingenuity one can design beautiful original patterns, including scrolls, monograms, etc. We have the beads in a variety of colors, also looms, thread and needles.

INDIAN BEADS.

Gold.....		
Silver.....		
Bright Red.....		
Glistening Red.....		
Steel, per bunch, 15c.,	postpaid.	

Per large bunch, 35c., postpaid.

Clear Glass.....		
Milk White.....		
Pale Pink.....		
Bright Yellow.....		
Pale Blue.....		
Medium Green.....		
Pale Yellow.....		
Black.....		

Per large bunch, 25c., postpaid.

Battenberg Thread, per spool, 10c., postpaid.

Needles for Bead Work, per paper, 10c., postpaid.

Watch Fob Pattern Sheets, Indian design, 10c., postpaid.

BEAD LOOMS.

Vaughan's.....	By mail.	\$0.10	\$0.14
Apache.....		.50	.60

INDIAN SWEET GRASS.

Sweet Grass is an excellent basket-weaving material, and may be combined with Raffia with charming effects. As its name implies, it possesses a delightful fragrance.

Oz.....	\$0.15	¼ lb.....	\$0.40
1 lb.....	1.25	Postpaid.	

PINE NEEDLES.

These are from the Georgia Pine. The Needles are about twelve inches long, and are an excellent addition to the basket-weaving materials.

Oz.....	\$0.05	¼ lb.....	\$0.20
Lb.....	.65	Postpaid.	

INDIAN SPLINTS, Etc.

In addition to the above we have the German Wood Ribbon and the Indian Splints, both of which come in a variety of colors.

INDIAN SPLINTS (Assorted Colors).

Oz.....	\$0.20	¼ lb.....	\$0.45	1 lb.....	\$1.50	Postpaid.	
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WOOD RIBBON.

Oz.....	\$0.12	¼ lb.....	\$0.35	1 lb.....	1.20	Postpaid.	
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BOOKS, Postpaid.

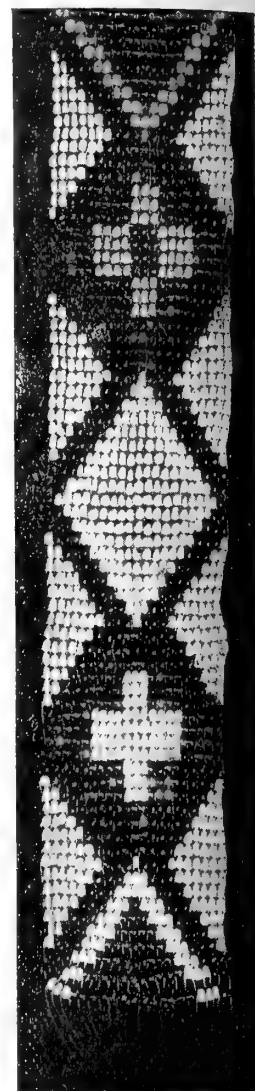
Basket Making. By T. Vernet Morse. Paper, 32 pages, richly illustrated. Fine for beginners. 25c.

Bead Work. By T. Vernet Morse. Paper, 30 pages illustrated. 25c. **How to Make Baskets** is the title of a very instructive work, by Mary White. Bound in cloth, 194 pages, illustrated. Price, \$1.00.

More Baskets. Mary White. Cloth, 155 pages, illustrated. \$1.00.

Raffia and Reed Weaving. Knapp. Cloth, 132 pages, illustrated. 50c.

Indian Basketry. James. Cloth, 402 pages, illustrated. \$2.50.



BEAD WATCH FOB.

Special Offer

(R124)

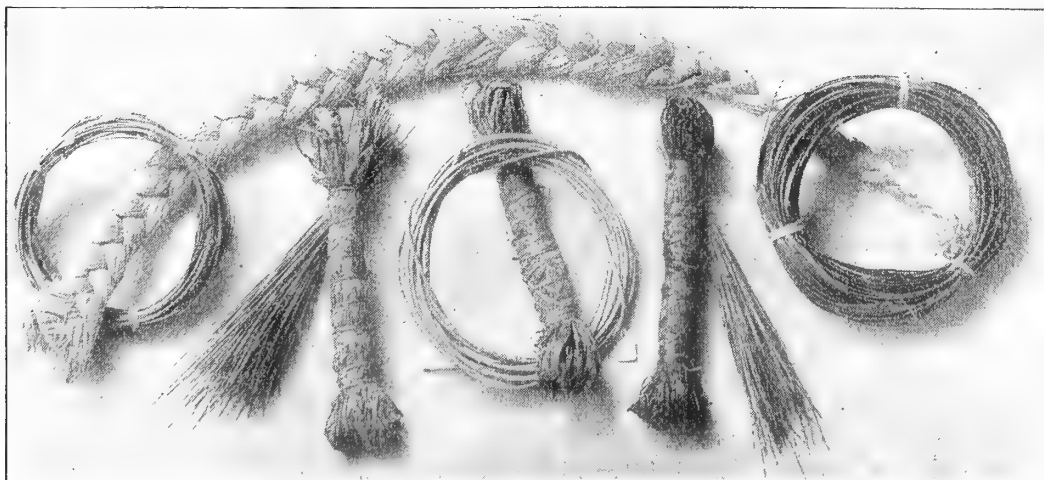
For \$1.00 we will send, postpaid:

One Indian Basket (started).

Three Bunches Raffia, assorted colors.

Three Rolls Rattan.

"Basket Making," (Morse).



RAFFIA REEDS, SPLINTS, AND SWEET GRASS

Special Offer

(B124)

For \$1.00 we will send, postpaid:

One Bead Loom.

Three Large Bunches Beads, assorted.

"Bead Work," Book, (Morse).

Two Spools Thread.

One pkg. Bead Needles.

BOOKS, Alphabetical List

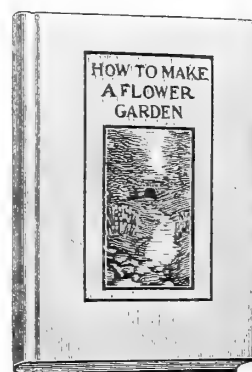
The Prices Quoted on this Page
Include Postage.

RURAL BOOKS. The Prices Quoted Below Include Postage.

Alfalfa. F. D. Coburn. Illustrated. Cloth; 164 pages.....	\$0.50
Art of Propagation. Treats of trees and plants.....	.30
Artificial Incubating and Brooding. 140 pages.....	.50
Asparagus Culture. Barnes & Robinson. Cloth.....	.50
Asparagus Culture. F. M. Hexamer. Illustrated. Cloth; 174 pages...	.50
Barn Plans and Out-Buildings. 257 illustrations. Cloth.....	1.00
Basket Making. T. V. Morse. 28 pages.....	.25
Bead Work. T. V. Morse. Pages illustrated.....	.25
Bee Culture, A B C of. A. I. Root. Cloth.....	1.25
Broom Corn and Brooms. Illustrated. Cloth.....	.30
Cabbage, Treatise on. Gregory.....	.30
Carnation Culture. Ward. Illustrated. Cloth.....	3.50
Carnation Culture. L. L. Lamborn.....	1.50
Carrots and Mangels. Gregory. Paper.....	.30
Celery Manual. Vaughan's. Paper.....	.50
Chrysanthemum Culture for America. By J. Morton. Cloth, \$1; paper	.60
Cook Book, Vaughan's Vegetable. Paper, 25c; cloth.....	.40
Farm Appliances. Illustrated. Very valuable.....	1.00
Farm Drainage. French's. Cloth.....	1.50
Farm Gardening and Seed Growing. Brill. Cloth.....	1.00
Farm Homes. Leland.....	1.00
Farm Poultry Doctor. Dr. N. W. Sanborn.....	.50
Fertility, The, of the Land. By I. S. Roberts. Cloth; 415 pages....	1.25
Fertilizers. By Prof. E. B. Voorhees. Cloth; 335 pages.....	1.00
Fertilizers. Gregory. Paper.....	.40
Floriculture, Practical. Henderson.....	1.50
Flower Bulbs. By Rexford. Practical and valuable.....	.25
Forcing Book, The. By Prof. Bailey. A manual of the cultivation of vegetables in glass houses; 266 pages; 86 illustrations.....	1.00
Forestry, Practical. By A. S. Fuller. Cloth. Illustrated.....	1.40
Fumigation Methods. Prof. Johnson. Illustrated. Cloth.....	1.00
Fruit Garden. Barry's. Cloth.....	1.50
Fruit Growing, The Principles of. L. H. Bailey. Cloth; 514 pages.	1.25
Gardening for Pleasure. New revised edition. Henderson.....	1.50
Gardening for Profit. Henderson. Latest edition. Cloth.....	1.50
Garden Making. Illustrated. By Prof. Bailey.....	.70
Ginseng, its Cultivation, Harvesting, Marketing.....	.50
Gold Fish and its Culture. Cloth.....	.90
Grape Culturist. Fuller's. Cloth.....	1.50
Grape Growing and Wine Making. G. Husmann. Cloth.....	1.50
Greenhouse Construction. L. R. Taft. Illustrated. Cloth.....	1.50
Greenhouse Management. L. R. Taft. Illustrated. Cloth.....	1.50
Handbook of Plants. Henderson's new and revised edition.....	3.00
Hop, The. Cloth; gold bound. By H. Myrick.....	1.50
Horticulturist's Rule Book. By L. H. Bailey. Very useful for fruit growers, truck gardeners, florists and others. Cloth.....	.75
House Plants, and How to Succeed with Them. L. P. Hillhouse....	1.00
How to Grow Cut Flowers. By M. A. Hunt. 225 pages. Cloth. In- valuable to anyone beginning this business, covering every department,	1.50
How to Make a Flower Garden. Illustrated. Cloth.....	1.60
How to Make Baskets. White. 194 pages.....	1.00
Indian Basketry. James. Cloth; 402 pages. Illustrated.....	2.50
Irrigation for the Farm and Garden. By H. Stewart.....	1.00
Landscape Gardening. Prof. Waugh. Cloth. Illustrated.....	.50
Lilies, Wallace's Notes on. Illustrated. Cloth; 215 pages.....	2.00
Little Chicks. Good treatise on Chicken Raising. 144 pages. Paper..	.50
Manual of Agriculture. By G. B. Emerson and C. L. Flint. Cloth...	1.00
Manures, Methods of Making. By Bommer. Paper.....	.40
Manures, Talks on. By Jas. Harris. 366 pages. Cloth.....	1.50
Market Gardener, The Young. By T. Greiner.....	.50
Market Gardening, Success in. Rawson.....	1.00
More Baskets and How to Make Them. Mary White. Cloth.....	1.00
Mushroom Culture. Robinson. Cloth. Illustrated.....	.50
Mushrooms, How to Grow. Frazer. Paper cover.....	.10
Mushrooms. How to Grow Them. By W. n. Falconer. Cloth.....	1.00
Nursery Book, The. By L. H. Bailey. Cloth; 365 pages.....	1.00
Nut Culturist. A. S. Fuller. Cloth.....	1.50
Onions, Treatise on. By Gregory.....	.30
Peanut Plant, its Cultivation and Uses. Paper.....	.40
Potato Culture, The A B C of. By A. I. Root.....	.45
Poultry Craft. The best book for all. John H. Robinson. Cloth.....	2.00
Practical Garden Book, The. Cloth.....	.75
Prize Gardening. Profit, pleasure and health from the garden. Cloth..	1.00
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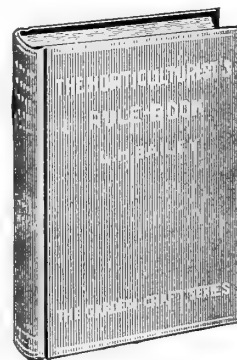
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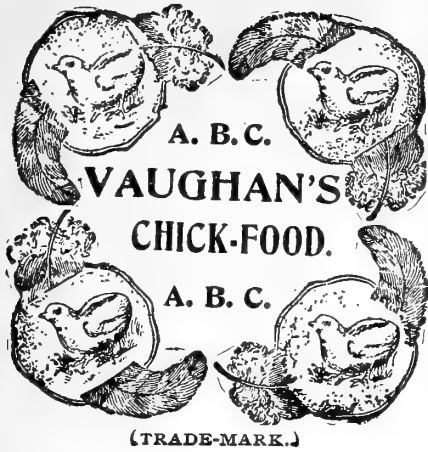
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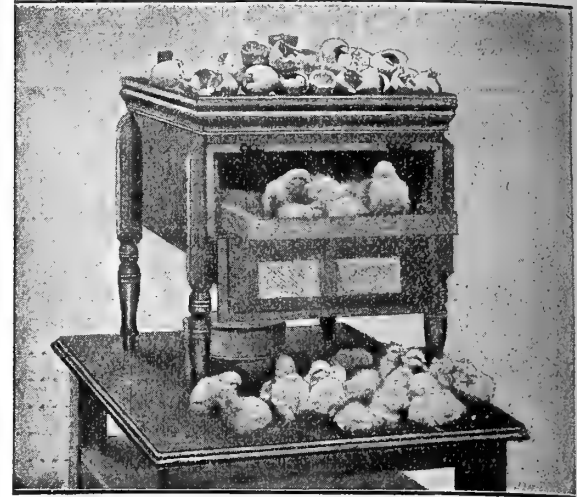
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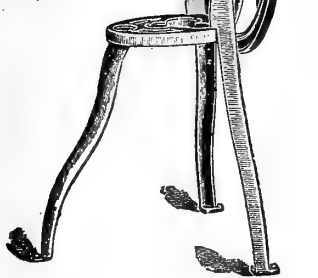
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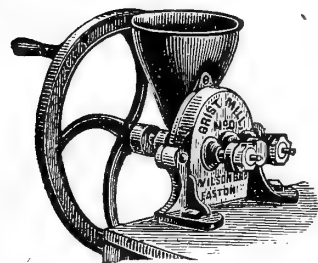
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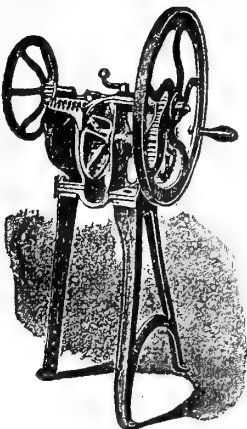


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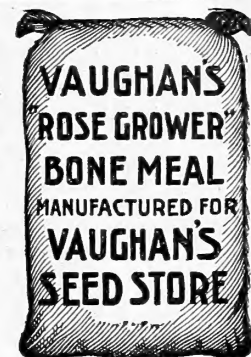
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See page 111.



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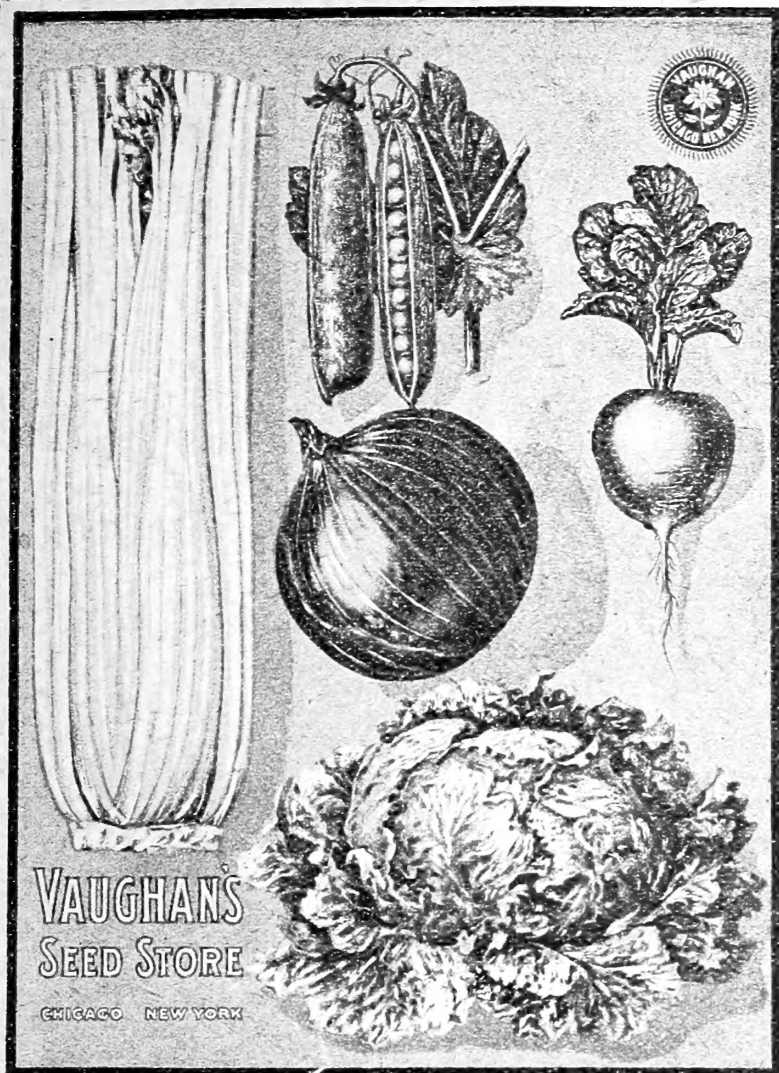
Pkg., containing food for 20 plants for 3 months, 15c.; 3 for 40c.; if by mail, add 8c. per pkg. Large pkg., containing sufficient plant food for one year, 25c.; 3 for 65c.; if by mail, add 18c. per pkg. Each package contains full directions.

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A PURE white, self-blanching variety without a rival in purity of color. In vigor of growth, ease of blanching, size, richness of flavor, crispness and purity it is ideal. It grows solid on all kinds of soil; keeps better than many standard varieties. Single stalks sometimes weigh 2½ pounds and quite frequently 2 pounds each. Pkt., 10c.; ½ oz., 20c.; oz., 30c.; 2 ozs., 50c.; ¼ lb., 85c.; lb., \$3.00, postpaid.

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AN improvement on the famous Big Boston Lettuce, possessing all the good qualities of this kind, viz.: Earliness, large size, attractive color, etc. Its additional value lies in the fact that it can be sown almost the whole year round; it resists summer heat remarkably well, is crisp and solid when other sorts become tough and flabby under the same conditions. Pkt., 10c.; oz., 20c.; 2 ozs., 35c.; ¼ lb., 50c.; lb., \$1.60, postpaid.

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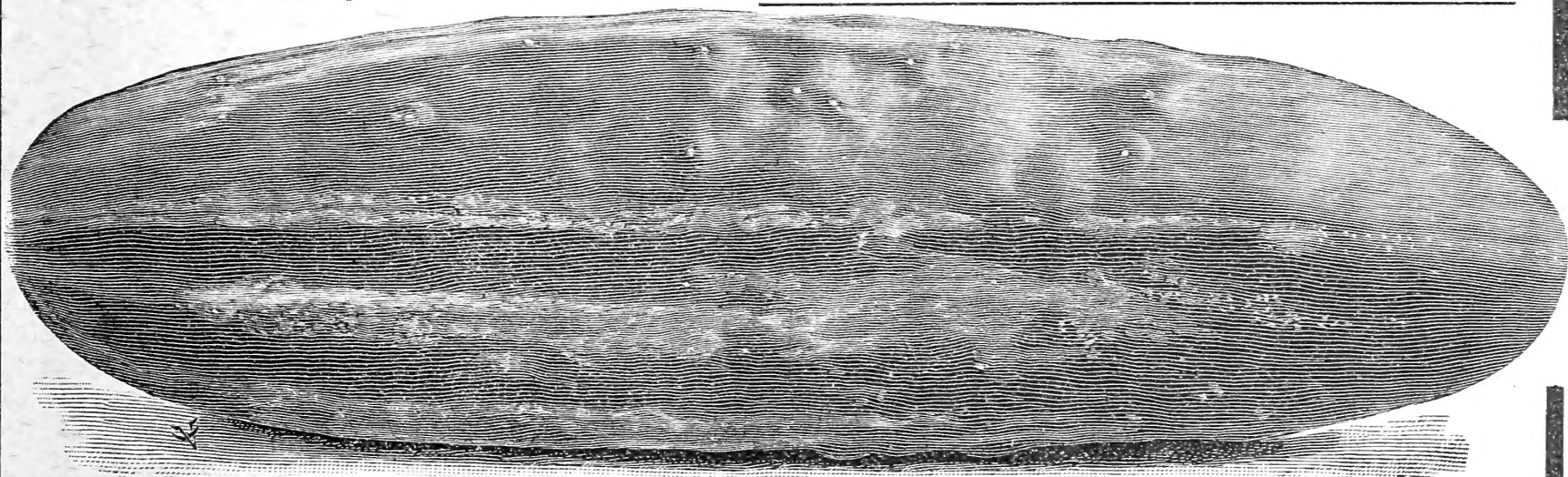
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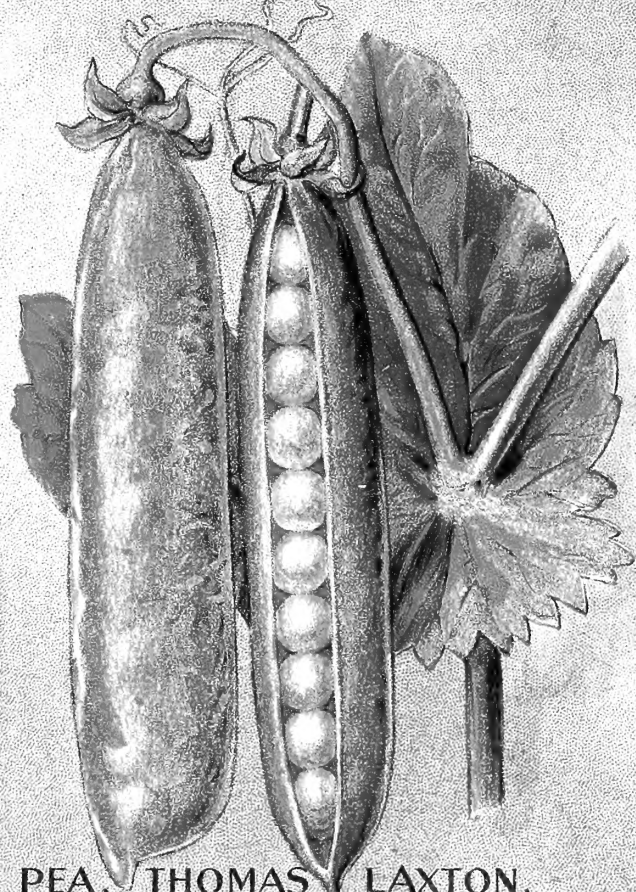


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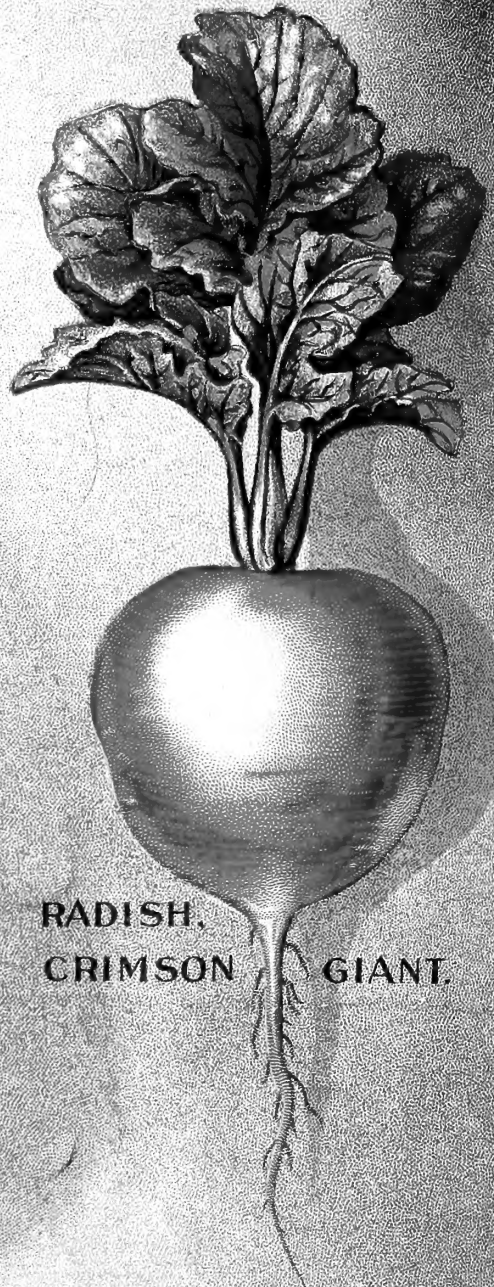
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RADISH,
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